

BAB V

KESIMPULAN DAN SARAN

5.1. KESIMPULAN

Dari semua pembahasan pada bab-bab sebelumnya dapat diambil beberapa kesimpulan akhir, yaitu :

1. Dalam merencanakan sebuah sentral PABX dibutuhkan perhitungan jumlah trunk yang ideal agar sentral tersebut tidak akan mengalami tingkat kegagalan komunikasi yang tinggi.
2. Ada dua pola trafik yang saat ini digunakan untuk merencanakan jumlah trunk pada sentral PABX yaitu pola trafik umum dan pola trafik AT&T.
3. Pola trafik umum dapat digunakan untuk sentral-sentral yang tidak membutuhkan tingkat ketelitian yang tinggi untuk mencegah terjadinya besarnya tingkat kegagalan pada sentral tersebut.
4. Tingkat keandalan dari pola trafik AT&T lebih tinggi karena merupakan revisi atau perbaikan kembali dari pola trafik umum sehingga hasilnya lebih baik.
5. Pola trafik AT&T mempunyai toleransi penentuan jumlah trunk pada sentral PABX.

6. Tiga keuntungan pola trafik AT&T dari satu kali perhitungan jumlah trunk sentral PABX, yaitu dapat diketahui:

- Jumlah trunk yang masuk.
- Jumlah trunk menuju sentral PT. Telkom.
- Jumlah trunk menuju antar sentral PABX.

5.2. SARAN PENGEMBANGAN

Untuk lebih melengkapi tugas akhir ini maka akan dituliskan beberapa saran pengembangan sebagai masukan, yaitu :

1. Sebuah sentral PABX yang baik hendaknya memperhitungkan jumlah trunk yang akan digunakan sehingga tidak menyebabkan terjadinya kegagalan komunikasi.
2. Dalam menghitung jumlah trunk sebuah sentral PABX sebaiknya mempergunakan perhitungan dengan pola trafik AT&T.
3. Sentral-sentral yang sudah mengalami tingkat kegagalan yang tinggi hendaknya mengestimasi jumlah trafik yang terjadi, memperbaiki tingkat kegagalan pada sentral dengan cara menghitung kembali jumlah trunk yang ada dan melakukan penambahan jumlah trunk dengan perhitungan pola trafik AT&T.

DAFTAR PUSTAKA

1. Gee Dianne Jacques, Johnson Don dan Raffensperger Ron, *Centrex Replacement With AT&T Traffic Patterns*, California : CBX product notes, 1982.
2. Ramses R. Mina, *Teletraffic Engineering*, Chicago : Telephony Publishing Corporation, 1974.
3. *Pedoman Penyusunan Skripsi*, Jakarta : Lembaga Penelitian dan Pengembangan Universitas Muhammadiyah Jakarta, 1993.
4. *Pengukuran Trafik* : Materi Pelatihan Pengukuran Trafik Pertamina, Bandung: Divisi Pelatihan PT. Telekomunikasi, 1997.
5. *System Introduction* : Pengantar dalam Memahami ISDN dan PABX, Bandung: Widya Bhakti INTI, 1997.
6. *SIW Abbreviated MD - 110 Commands and Parameters - R4*, Ericsson, 1990.
7. *Telephone Traffic Theory Tables and Charts*, Munich : Siemens Aktiengesellschaft, 1970.

LAMPIRAN



LAMPIRAN 1

Data-data trafik dari Kantor Pusat Pertamina



4/7/97



(TRAP:MEMO=0)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 0 ROU = 72

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	DFLD	CONG
10:00-14:00	0.85	4	15	3	0	0	0

END

(TRAP:MEMO=1)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 1 ROU = 52

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	DFLD	CONG
10:15-11:15	1.00	29	20	3	0	0	0

END

(TRAP:MEMO=2)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 2 ROU = 50

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	DFLD	CONG
10:30-11:30	2.80	25	42	4	0	0	5

END

(TRAP:MEMO=3)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 3 ROU = 77

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	DFLD	CONG
10:45-14:45	11.08	141	274	34	0	0	0

END

(TRAP:MEMO=4)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 4 ROU = 79

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	DFLD	CONG
10:50-14:50	11.08	141	274	34	0	0	0

END
(TRREP:MEMO=5)
TRAFFIC RECORDING RESULT DATA



DATE MEMO ROUTE
04JUL97 5 ROU = 76

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NOV	NBLD	DFLO	CONG
09:30-10:30	0.70	17	0	30	0	0	0

END
(TRREP:MEMO=6)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 6 ROU = 80

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NOV	NBLD	DFLO	CONG
13:45-14:45	20.61	746	343	60	0	0	0

END
(TRREP:MEMO=7)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 7 ROU = 75

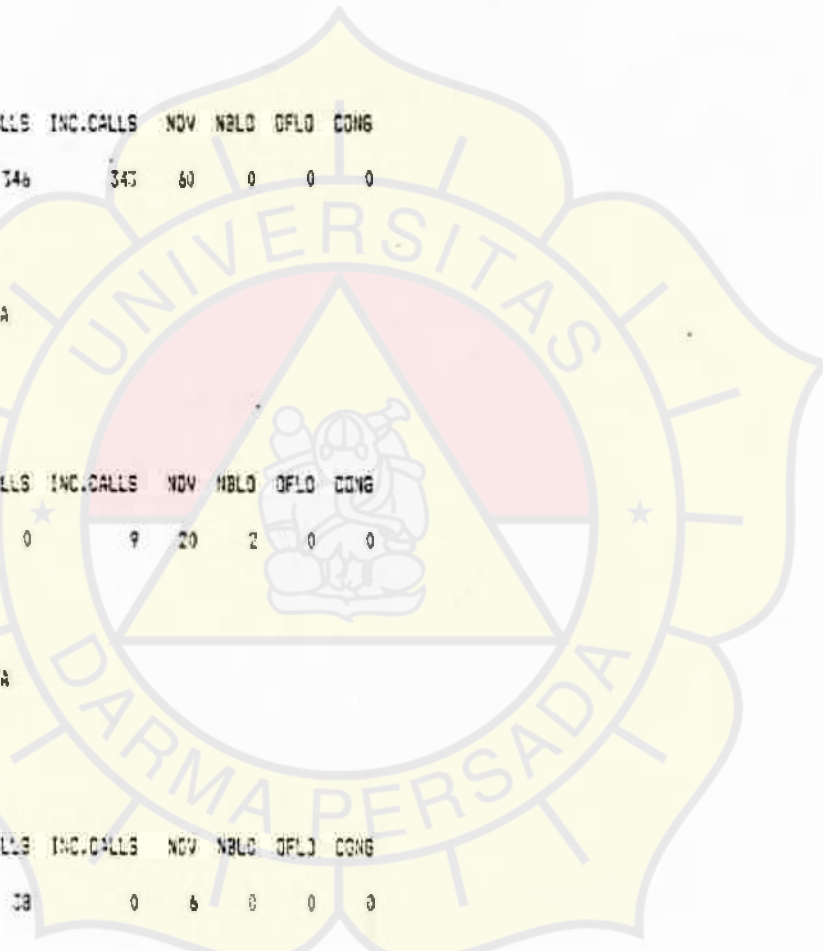
TIME	TRAFF	OUTG.CALLS	INC.CALLS	NOV	NBLD	DFLO	CONG
14:30-15:30	7.51	0	9	20	2	0	0

END
(TRREP:MEMO=8)
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
04JUL97 8 ROU = 7

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NOV	NBLD	DFLO	CONG
14:30-15:30	1.08	38	0	6	0	0	0

END





(TRREP:MENO=7;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
04JUL97	8	ROU = 9	10:15-10:15	00.00	0190	0	110	0	0	0

END
(TRREP:MENO=10;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
04JUL97	10	ROU = 90	10:30-10:30	1.20	34	0	3	3	0	2

END
(TRREP:MENO=11;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
04JUL97	11	ROU = 91	11:45-12:45	0.23	1	13	3	0	0	0

END
(TRREP:MENO=12;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
04JUL97	12	ROU = 40	09:00-10:00	5.91	130	146	30	0	0	0

END
(TRREP:MENO=13;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
04JUL97	13	ROU = 70	09:00-10:00	5.40	87	157	30	0	0	0

END

<TRREP>MEND=14;

TRAFFIC RECORDING RESULT DATA



DATE MEND ROUTE
04/01/97 14 ROU = 1

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLO	OFLO	CONG
09:45-10:48	49.17	0	1736	70	0	0	0

END

<TRREP>MEND=10;

TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
04/01/97 10 ROU = 70

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLO	OFLO	CONG
09:00-10:00	5.40	57	157	30	0	0	0

END

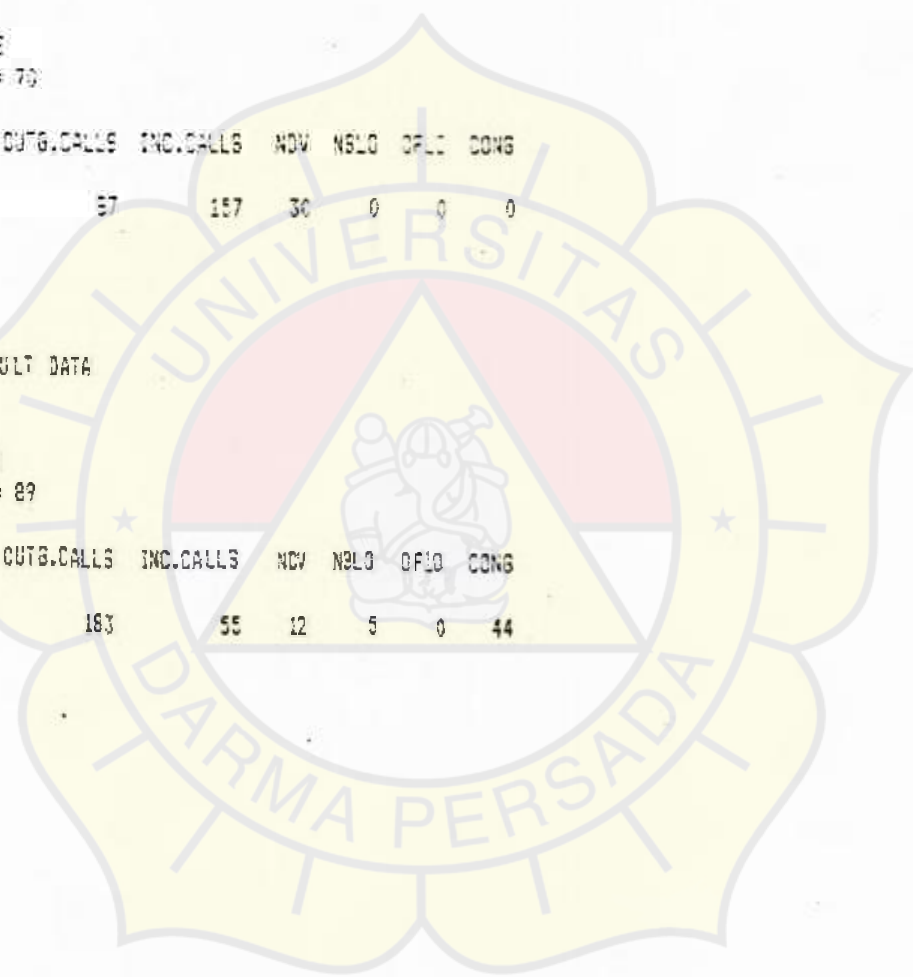
<TRREP>MEND=4;

TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
04/01/97 4 ROU = 89

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLO	OFLO	CONG
09:30-10:30	4.30	183	55	12	5	0	44

END



10/7/97



TRREP:MEND=0;
TRAFFIC RECORDING RESULT DATA

DATE	MEND	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
10JUL97	0	ROU = 70							
10:00-10:30	0.78		9	7	0	0			0

END
(TRREP:MEND=1;
TRAFFIC RECORDING RESULT DATA

DATE	MEND	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
10JUL97	1	ROU = 52							
10:00-10:00	0.78		6	22	3	0	0		0

END
(TRREP:MEND=2;
TRAFFIC RECORDING RESULT DATA

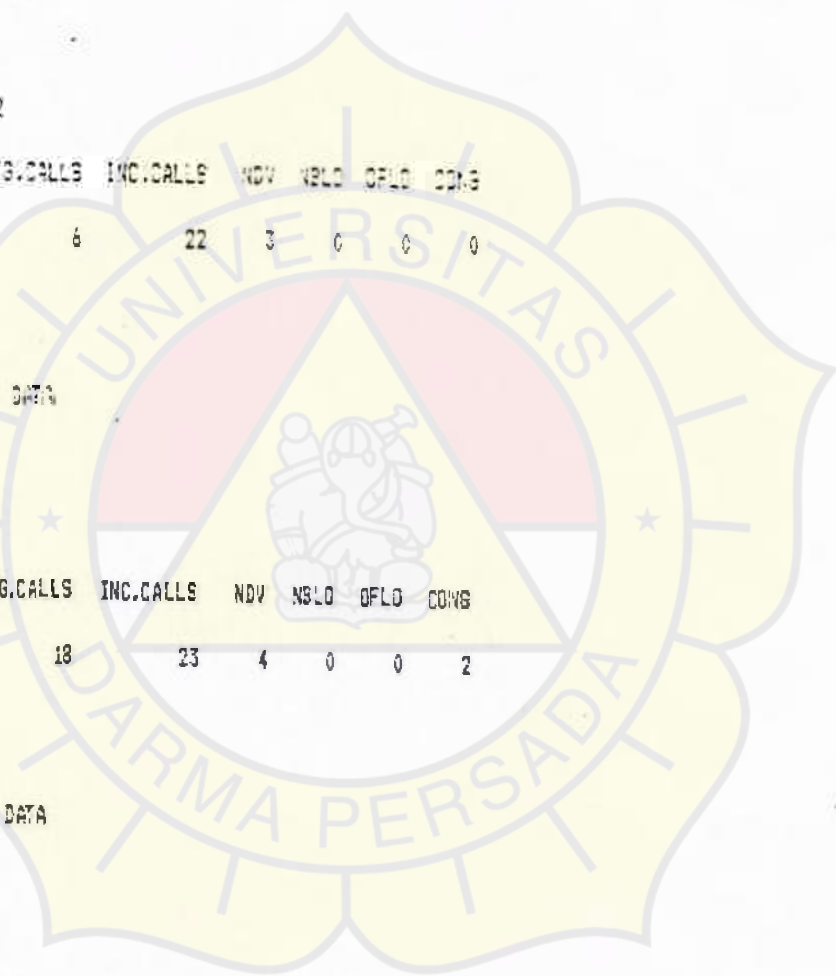
DATE	MEND	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
10JUL97	2	ROU = 50							
13:00-14:00	1.71		18	23	4	0	0		2

END
(TRREP:MEND=3;
TRAFFIC RECORDING RESULT DATA

DATE	MEND	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
10JUL97	3	ROU = 77							
14:05-15:15	7.05		87	230	30	0	5		1

END
(TRREP:MEND=4;
TRAFFIC RECORDING RESULT DATA

DATE	MEND	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
10JUL97	4	ROU = 88							
15:30-16:00	0.95		110	37	12	4	0		0





END

<TRREP:MENO=5;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	GFLO	CONG
10JUL97	5	ROU = 7:							
TIME									
14:01-15:00			3.47	9	179	30	0	0	0

END

<TRREP:MENO=6;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	GFLO	CONG
10JUL97	6	ROU = 8:							
TIME									
13:30-14:30			25.30	4+2	524	60	0	0	1

END

<TRREP:MENO=7;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	GFLO	CONG
10JUL97	7	ROU = 75							
TIME									
12:45-13:45			7.52	0	80	20	6	0	0

END

<TRREP:MENO=8;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	GFLO	CONG
10JUL97	8	ROU = 7							
TIME									
13:45-14:45			1.60	65	0	6	1	0	3

END

<TRREP:MENO=9;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	GFLO	CONG
10JUL97	9	ROU = 9							
TIME									
10:00-11:00			60.01	2085	1	116	0	0	0

END

<TRREP:MEND=10;

TRAFFIC RECORDING RESULT DATA



DATE MEND ROUTE
10JUL97 10 RDL = 90

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	OFLD	CONG
11:00-12:00	1.09	60	0	8	0	3	1

END

<TRREP:MEND=11;

TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
10JUL97 11 RCU = 40

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	OFLD	CONG
13:00-14:00	7.98	139	127	30	0	0	0

END

<TRREP:MEND=12;

TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
10JUL97 12 RCU = 70

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	OFLD	CONG
13:45-14:45	4.83	103	116	30	0	0	0

END

<TRREP:MEND=13;

TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
10JUL97 13 RCU = 1

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	OFLD	CONG
10:00-11:00	50.49	0	1953	90	0	0	0

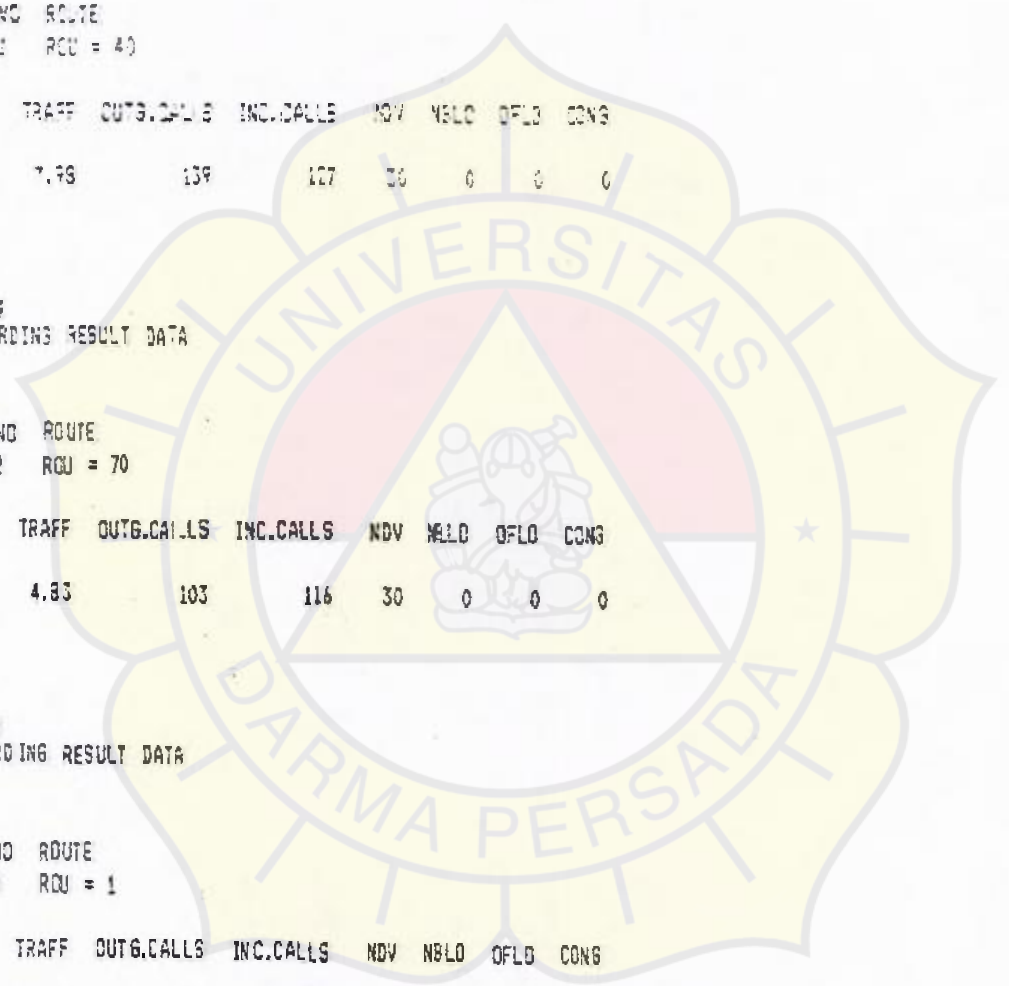
END

<TRREP:MEND=14;

NOT ACCEPTED

MEND

NOT ASSIGNED





TRAFFIC RECORDING DIRECTORY

MENO	OBJECT	START1	STOP1	START2	STOP2	TIME/LIM	INFO
0	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 72
1	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 52
2	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 50
3	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 77
4	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 89
5	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 76
6	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 80
7	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 75
8	RDUBWY	10JUL97	10JUL97			10:00-15:30	ROU = 7
9	RDUBWY	10JUL97	10JUL97			10:00-15:30	ROU = 9
10	RDUBWY	10JUL97	10JUL97			10:00-15:30	ROU = 90
11	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 43
12	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 70
13	RDUB10	10JUL97	10JUL97			10:00-15:30	ROU = 1

END

<TRMEE:MENO=0;

EXECUTED

<TRROI:ROU=72,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

NOT ACCEPTED

TIMEE

MISSING PARAMETER

<TRROI:ROU=72,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

YOUR MEASUREMENT NUMBER = 0

EXECUTED

<TRMEE:MENO=1;

EXECUTED

<TRROI:ROU=52,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

YOUR MEASUREMENT NUMBER = 1

EXECUTED

<TRMEE:MENO=2;

EXECUTED

<TRROI:ROU=50,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

YOUR MEASUREMENT NUMBER = 2

EXECUTED

<TRMEE:MENO=3;

EXECUTED

<TRROI:ROU=77,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

YOUR MEASUREMENT NUMBER = 3

EXECUTED

<TRMEE:MENO=4;

EXECUTED

<TRROI:ROU=89,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

YOUR MEASUREMENT NUMBER = 4

EXECUTED

<TRROI:ROU=76,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

NOT ACCEPTED

OBJ. ALREADY IN USE

<TRMEE:MENO=5;

EXECUTED

<TRROI:ROU=76,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

YOUR MEASUREMENT NUMBER = 5

EXECUTED

<TRMEE:MENO=6;

EXECUTED

<TRROI:ROU=76,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;

SYNTAX ERROR

<TRROI:ROU=76,TIME1=07-00,TIMEE=15-30,DATE=1997-07-11;



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(TRREF:MENC=0;
TRAFFIC RECORDING RESULT DATA

DATE	MENC	ROUTE	TIME	TRAFF	OUTS.CALLS	INC.CALLS	NOV	NSLD	OFLO	CONG
14JUL97	0	ROU = 72	06:10-07:00	1.00		11	0	0	0	0

END
(TRREF:MENC=1;
TRAFFIC RECORDING RESULT DATA

DATE	MENC	ROUTE	TIME	TRAFF	OUTS.CALLS	INC.CALLS	NOV	NSLD	OFLO	CONG
14JUL97	1	ROU = 52	07:45-08:45	0.89	6	5	2	0	0	0

END
(TRREF:MENC=2;
TRAFFIC RECORDING RESULT DATA

DATE	MENC	ROUTE	TIME	TRAFF	OUTS.CALLS	INC.CALLS	NOV	NSLD	OFLO	CONG
14JUL97	2	ROU = 77	13:00-14:00	9.69	103	275	20	0	0	0

END
(TRREF:MENC=3;
TRAFFIC RECORDING RESULT DATA

DATE	MENC	ROUTE	TIME	TRAFF	OUTS.CALLS	INC.CALLS	NOV	NSLD	OFLO	CONG
14JUL97	3	ROU = 99	08:15-09:15	5.61	112	58	12	8	0	68

END

TRAP:MEND=4;
TRAFFIC RECORDING RESULT DATA



DATE MEND ROUTE
14JUL97 4 RDU = 76

TIME TRAFF OUTG.CALLS INC.CALLS NOV NELD OFLD CONG

10:00-10:00 4.82 8 100 30 0 0 0

END

TRAP:MEND=5;
TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
14JUL97 5 RDU = 50

TIME TRAFF OUTG.CALLS INC.CALLS NOV NELD OFLD CONG

08:15-09:15 25.72 402 551 50 0 0 2

END

TRR EP:MEND=6;
TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
14JUL97 6 RDU = 75

TIME TRAFF OUTG.CALLS INC.CALLS NOV NELD OFLD CONG

08:30-09:30 9.00 0 90 20 9 0 0

END

TRR EP:MEND=7;
TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
14JUL97 7 RDU = 7

TIME TRAFF OUTG.CALLS INC.CALLS NOV NELD OFLD CONG

13:30-14:30 3.55 101 0 5 0 0 5

END



(TRREP;MENG=8);
TRAFFIC RECORDING RESULT DATA

DATE MENO ROUTE
14JUL97 8 RCU = 8

TIME	TRAFF	INTS.CALLS	INC.CALLS	NOV	HELD	DFLD	CONG
08:00-09:00	86.00	236	5	0	0	0	0

END
(TRREP;MENG=9);
TRAFFIC RECORDING RESULT DATA

DATE MENO ROUTE
14JUL97 9 RCU = 90

TIME	TRAFF	INTS.CALLS	INC.CALLS	NOV	HELD	DFLD	CONG
08:00-09:00	1.00	71	0	0	0	0	0

END
(TRREP;MENG=10);
TRAFFIC RECORDING RESULT DATA

DATE MENO ROUTE
14JUL97 10 RCU = 71

TIME	TRAFF	INTS.CALLS	INC.CALLS	NOV	HELD	DFLD	CONG
11:30-12:30	0.00	0	23	0	1	0	1

END
(TRREP;MENG=11);
TRAFFIC RECORDING RESULT DATA

DATE MENO ROUTE
14JUL97 11 RCU = 43

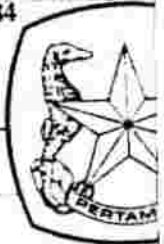
TIME	TRAFF	INTS.CALLS	INC.CALLS	NOV	HELD	DFLD	CONG
10:00-11:00	8.36	142	196	30	0	0	0

END
(TRREP;MENG=12);
TRAFFIC RECORDING RESULT DATA

DATE MENO ROUTE
14JUL97 12 RCU = 70

TIME	TRAFF	INTS.CALLS	INC.CALLS	NOV	HELD	DFLD	CONG
08:00-09:00	5.00	74	55	00	0	0	0

END



STARE NO 04.17
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
14JUL97 13 RCU =

TIME	TRAF	OUTD.CALLS	INC.DALLS	NOV	HELD	CFLO	CONG
07:00-08:00	57.55	0	000	80	1	1	0

END
TRAFFIC MEMO=14;
TRAFFIC RECORDING RESULT DATA

DATE MEMO ROUTE
14JUL97 14 RCU = 50

TIME	TRAF	OUTD.CALLS	INC.DALLS	NOV	HELD	CFLO	CONG
07:00-08:00	0.04	80	28	4	0	0	40

END
KTRDIP;
TRAFFIC RECORDING DIRECTORY

MEMO	OBJECT	START1	STOP1	START2	STOP2	TIME LIM	INFO
0	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 72
1	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 72
2	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 77
3	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 67
4	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 76
5	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 80
6	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 75
7	ROUSKY	14JUL97	14JUL97			07:00-15:30	RCU = 7
8	ROUSKY	14JUL97	14JUL97			07:00-15:30	RCU = 9
9	ROUSKY	14JUL97	14JUL97			07:00-15:30	RCU = 70
10	ROUSKY	14JUL97	14JUL97			07:00-15:30	RCU = 91
11	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 40
12	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 70
13	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 1
14	ROUDIO	14JUL97	14JUL97			07:00-15:30	RCU = 50

END

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(TRREP:MENO=0;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
15JUL97	0	ROU = 71	08:45-09:45	0.94	4	5	0	0	0	0

END
(TRREP:MENO=1;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
15JUL97	1	ROU = 52	09:15-10:15	0.70	6	14	3	0	0	3

END
(TRREP:MENO=2;
TRAFFIC RECORDING RESULT DATA

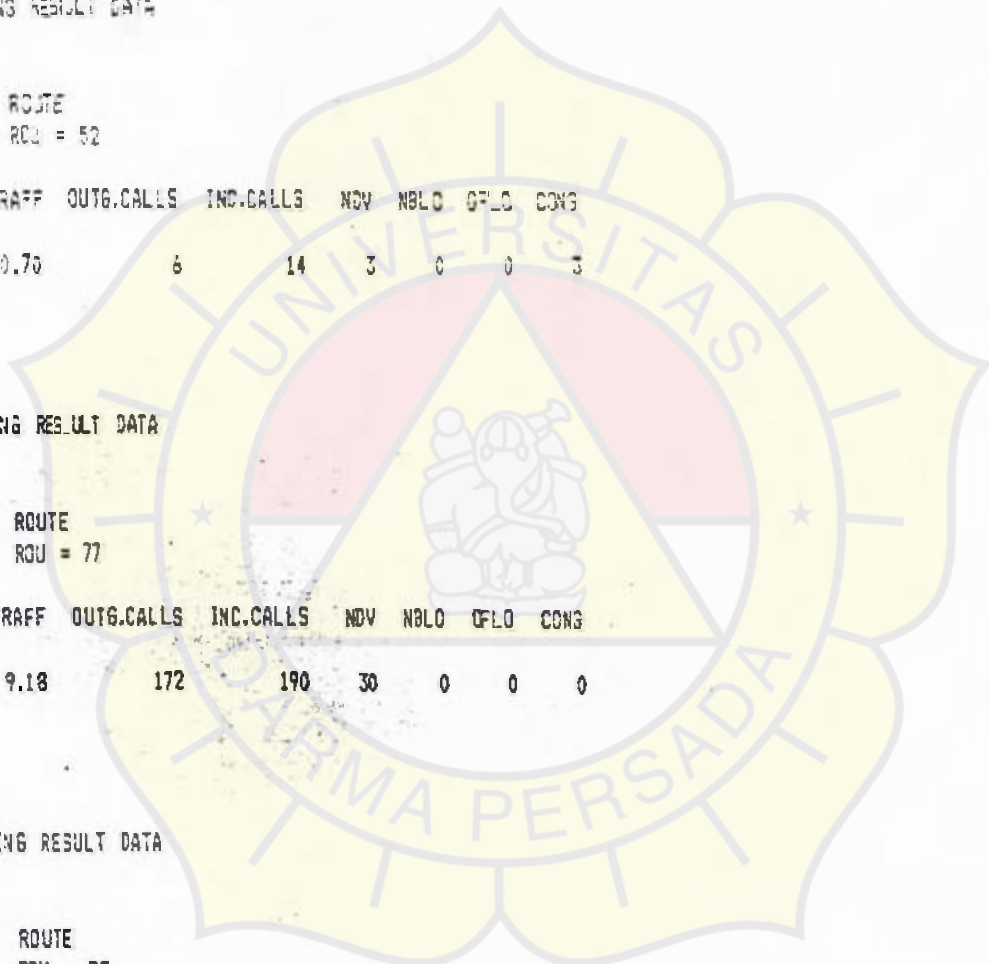
DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
15JUL97	2	ROU = 77	07:30-08:30	9.18	172	190	30	0	0	0

END
(TRREP:MENO=3;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
15JUL97	3	ROU = 89	13:00-14:00	4.95	245	55	12	7	0	140

END
(TRREP:MENO=4;
TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
15JUL97	4	ROU = 76	14:30-15:30	4.41	1	39	30	0	0	0





END

<TRREP:MENO=6;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLO	OFLO	CONG
15JUL97	6	ROU = 50	09:15-10:15	31.36	490	413	60	0	0	4

END

<TRREP:MENO=6;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLO	OFLO	CONG
15JUL97	6	ROU = 75	07:00-08:00	8.26	0	42	20	5	0	0

END

<TRREP:MENO=7;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLO	OFLO	CONG
15JUL97	7	ROU = 7	09:15-10:15	1.77	62	0	6	0	0	0

END

<TRREP:MENO=8;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLO	OFLO	CONG
15JUL97	8	ROU = 9	09:15-10:15	71.61	2394	3	116	0	0	0

END

<TRREP:MENO=9;

TRAFFIC RECORDING RESULT DATA

DATE	MENO	ROUTE	TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLO	OFLO	CONG
15JUL97	9	ROU = 90	12:45-13:45	1.25	65	0	8	3	0	0

(TRAF:MEMO=14)
TRAFFIC RECORDING RESULT DATA



DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	HELD	CFLO	CONG
18JUL97	10	ROU = 91							
TIME									
07:30-08:00			0.45	0	0	0	0	0	0

END
(TRAF:MEMO=11)
TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	HELD	CFLO	CONG
18JUL97	10	ROU = 41							
TIME									
19:00-20:00			0.15	109	198	30	1	0	3

END
(TRAF:MEMO=12)
TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	HELD	CFLO	CONG
18JUL97	12	ROU = 70							
TIME									
09:00-10:00			5.63	75	134	30	0	0	4

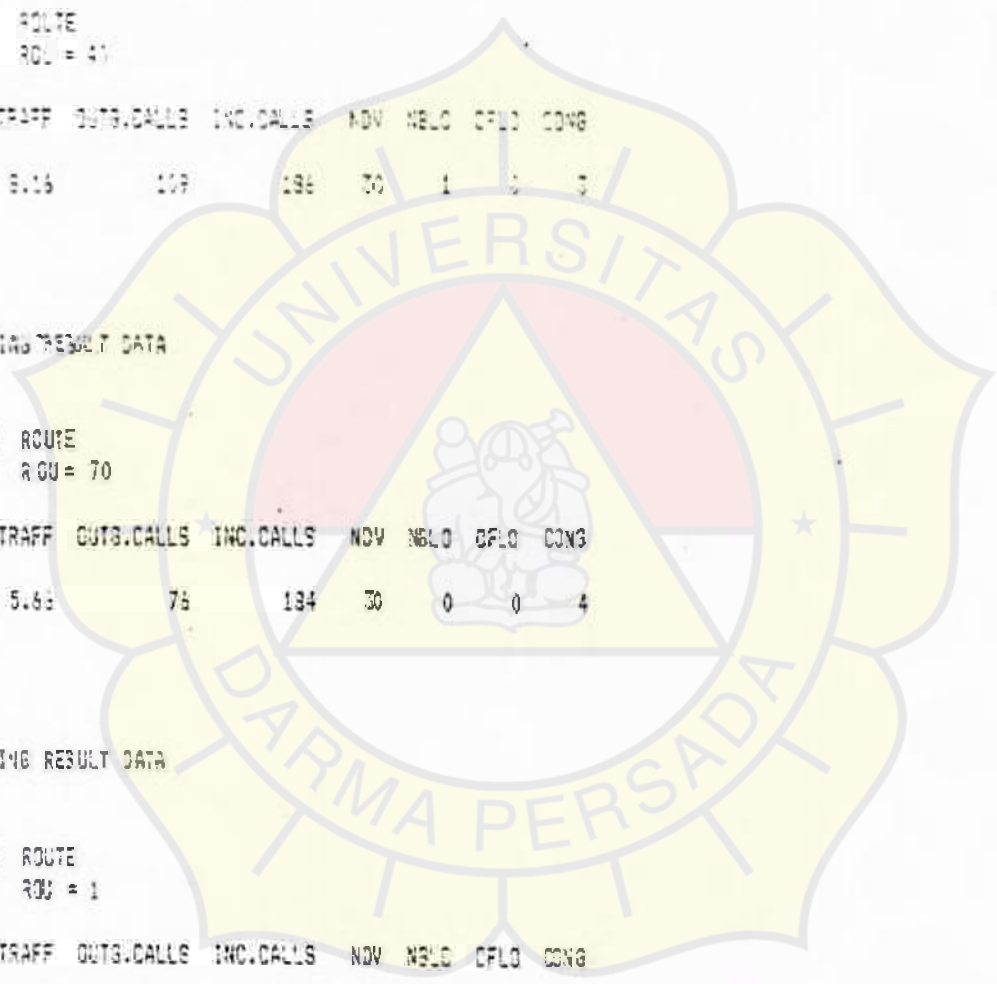
END
(TRAF:MEMO=13)
TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	HELD	CFLO	CONG
18JUL97	13	ROU = 1							
TIME									
14:30-15:30			71.40	0	7045	90	1	0	0

END
(TRAF:MEMO=14)
TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	HELD	CFLO	CONG
18JUL97	14	ROU = 51							
TIME									
10:30-11:00			0.40	37	72	4	0	0	14

END



NOT ACCEPTED

MEND

NOT ACCEPTED

TR001

TRAFFIC RECORDING DIRECTORY



MEND	OBJECT	START1	STOP1	START2	STOP2	TIME LIM	INFO
1	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 70
2	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 50
3	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 77
7	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 39
4	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 76
5	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 60
6	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 75
7	RCU04Y	15JUL97	15JUL97			07:00-15:30	RCU = 7
8	RCU04Y	15JUL97	15JUL97			07:00-15:30	RCU = 9
9	RCU04Y	15JUL97	15JUL97			07:00-15:30	RCU = 91
10	RCU04Y	15JUL97	15JUL97			07:00-15:30	RCU = 79
11	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 43
12	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 70
13	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 1
14	RCU010	15JUL97	15JUL97			07:00-15:30	RCU = 50

END

TR002:MEND=1;

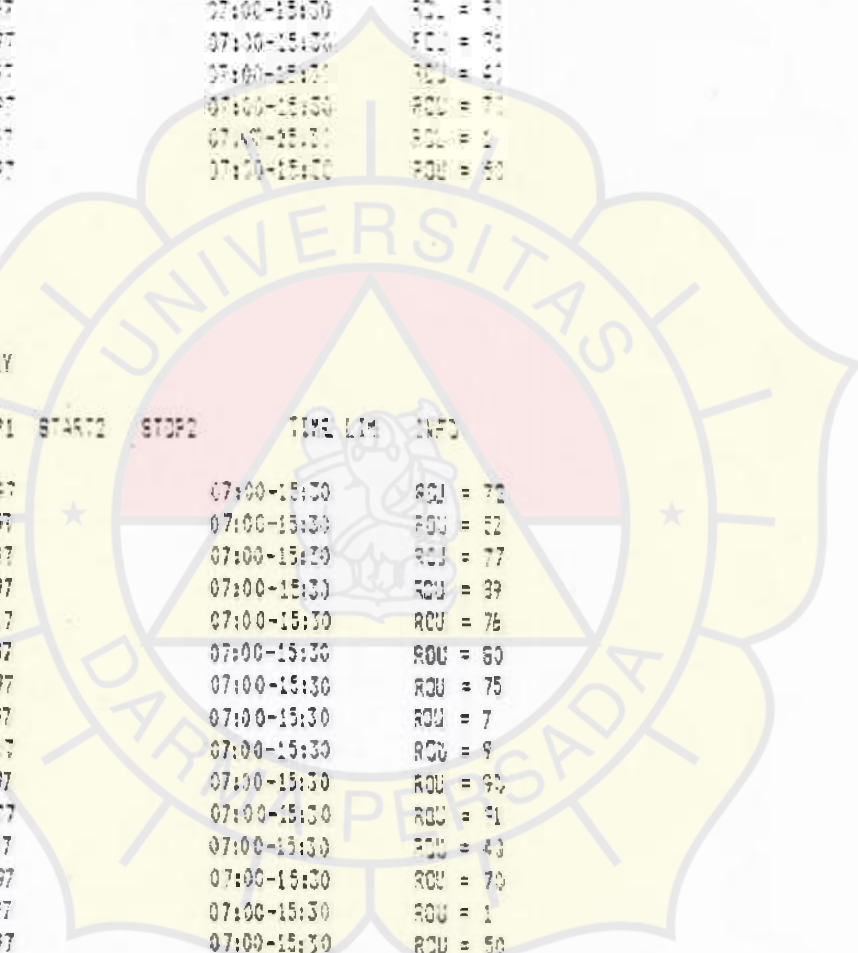
EVENT=0

TR001

TRAFFIC RECORDING DIRECTORY

MEND	OBJECT	START1	STOP1	START2	STOP2	TIME LIM	INFO
0	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 70
1	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 50
2	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 77
3	RCU04Y	16JUL97	16JUL97			07:00-15:30	RCU = 39
4	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 76
5	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 60
6	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 75
7	RCU04Y	16JUL97	16JUL97			07:00-15:30	RCU = 7
8	RCU04Y	16JUL97	16JUL97			07:00-15:30	RCU = 9
9	RCU04Y	16JUL97	16JUL97			07:00-15:30	RCU = 91
10	RCU04Y	16JUL97	16JUL97			07:00-15:30	RCU = 79
11	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 43
12	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 70
13	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 1
14	RCU010	16JUL97	16JUL97			07:00-15:30	RCU = 50

END



16/07/97



(TRAP:MEND=0)
TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
16JUL97 0 ROU = 72

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
10:45-14:45	0.80	3	10	3	3	1	0

END
(TRAP:MEND=1)
TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
16JUL97 1 ROU = 82

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
11:00-12:00	1.09	9	1	3	0	0	0

END
(TRAP:MEND=2)
TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
16JUL97 2 ROU = 77

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
13:30-14:30	9.10	87	222	30	0	0	0

END
(TRAP:MEND=3)
TRAFFIC RECORDING RESULT DATA

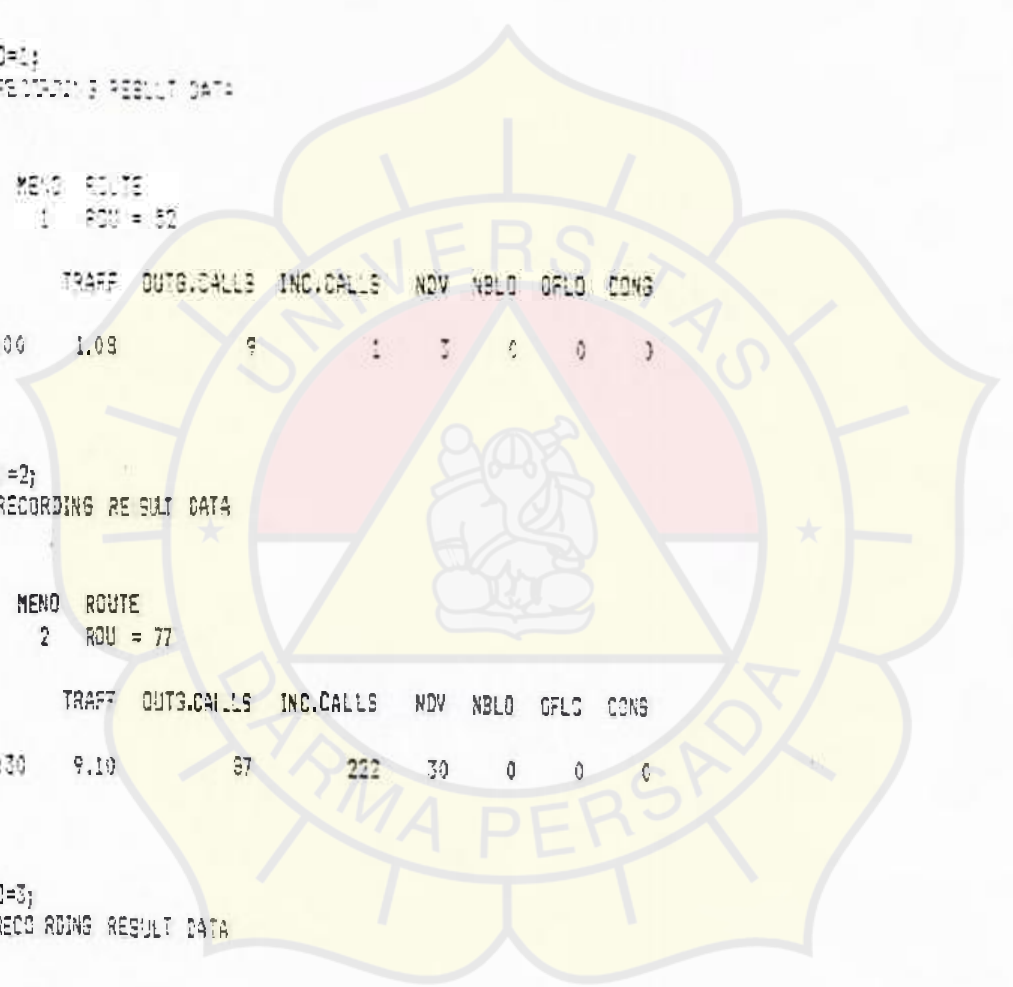
DATE MEND ROUTE
16JUL97 3 ROU = 89

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG
07:30-08:30	4.71	111	70	10	3	0	32

END
(TRAP:MEND=4)
TRAFFIC RECORDING RESULT DATA

DATE MEND ROUTE
16JUL97 4 ROU = 76

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NBLD	OFLO	CONG





END
 (TRREP: MENC=4;
 TRAFFIC RECORDING RESULT DATA

DATE MENC ROUTE
 16JUL97 5 ROU = 60

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLG	CONG
10:30-09:30	27.84	479	394	60	0	0	2

END
 (TRREP: MENC=5;
 TRAFFIC RECORDING RESULT DATA

DATE MENC ROUTE
 16JUL97 6 ROU = 70

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLG	CONG
10:15-11:15	9.00	0	5	20	9	0	0

END
 (TRREP: MENC=7;
 TRAFFIC RECORDING RESULT DATA

DATE MENC ROUTE
 16JUL97 7 ROU = 7

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLG	CONG
10:15-11:15	1.38	56	0	6	0	0	0

END
 (TRREP: MENC=8;
 TRAFFIC RECORDING RESULT DATA

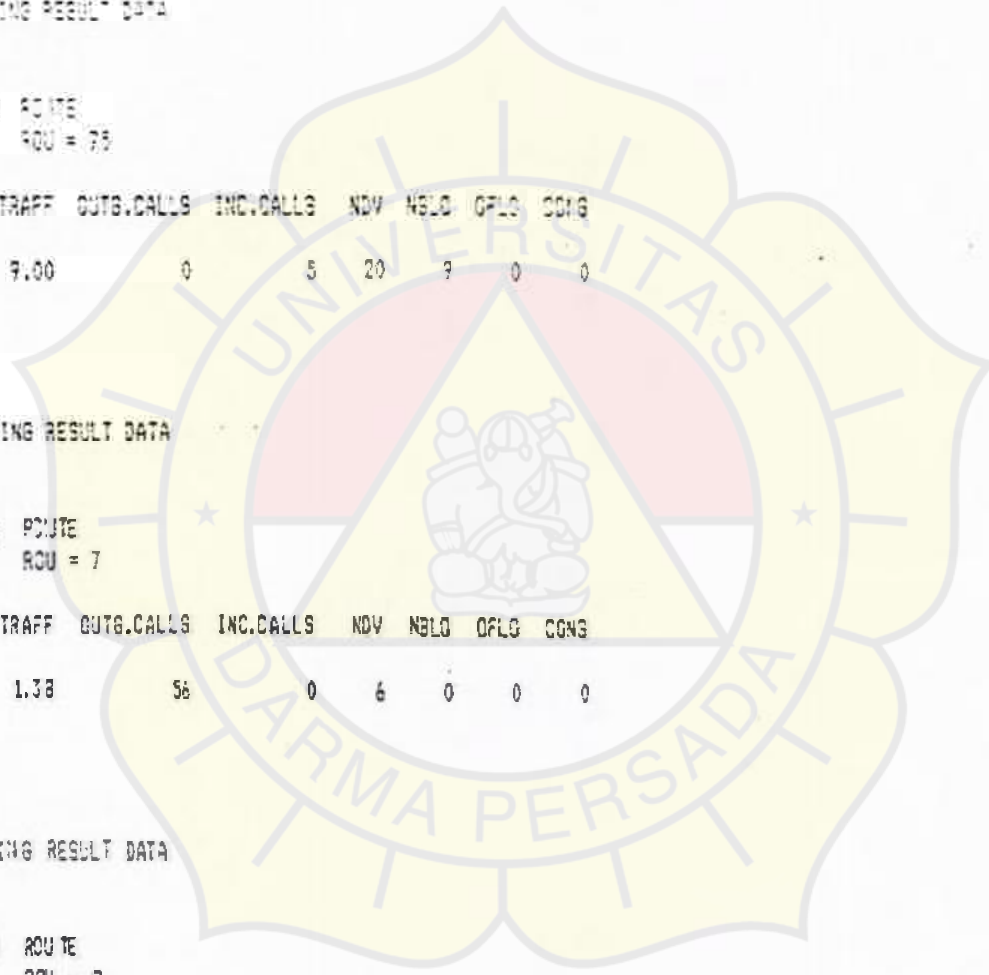
DATE MENC ROUTE
 16JUL97 8 ROU = 9

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLG	CONG
14:00-15:00	61.07	2006	9	116	0	0	0

END
 (TRREP: MENC=9;
 TRAFFIC RECORDING RESULT DATA

DATE MENC ROUTE
 16JUL97 9 ROU = 90

TIME	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLG	CONG
08:15-09:15	1.61	100	1	6	4	6	2





END
 (TRREF:MEMO=11)
 TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
16JUL97		RCU = 91							
09:00-10:00	6.24		8	0	0	0	0	0	0

END
 (TRREF:MEMO=11)
 TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
16JUL97	11	RCU = 40							
09:45-10:45	6.17		176	146	30	8	0	48	

END
 (TIME OUT WARNING
 (TRREF:MEMO=12)
 TRAFFIC RECORDING RESULT DATA

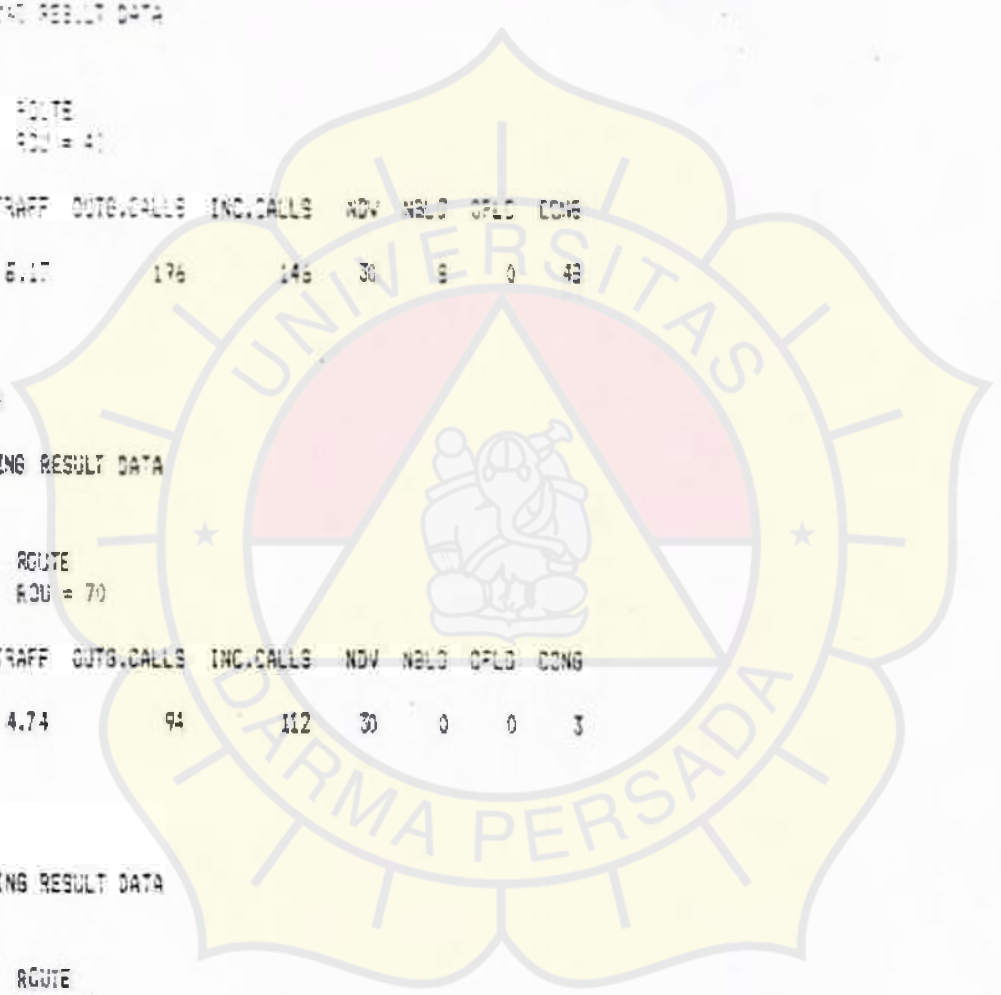
DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
16JUL97	12	RCU = 70							
09:45-10:45	4.74		94	112	30	0	0	3	

END
 (TRREF:MEMO=13)
 TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
16JUL97	13	RCU = 1							
09:45-10:45	59.09		0	2615	90	0	0	0	

END
 (TRREF:MEMO=14)
 TRAFFIC RECORDING RESULT DATA

DATE	MEMO	ROUTE	TRAFF	OUTG.CALLS	INC.CALLS	NDV	NSLD	DFLD	CONG
16JUL97	14	RCU = 81							
11:00-12:00	0.58		28	28	4	1	0	28	



LAMPIRAN 2

Tabel Pola Trafik Umum



1	0801	0802	0803	0804	0805	0806	0807	0808	0809	0810	0811	0812	0813	0814	0815	0816	0817	0818	0819	0820	0821	0822	0823	0824	0825	0826	0827	0828	0829	0830	0831	0832	0833	0834	0835	0836	0837	0838	0839	0840	0841	0842	0843	0844	0845	0846	0847	0848	0849	0850																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1	0121	0152	0204	0256	0309	0373	0438	0504	0571	0639	0707	0775	0843	0911	0979	1047	1115	1183	1251	1319	1387	1455	1523	1591	1659	1727	1795	1863	1931	1999	2067	2135	2203	2271	2339	2407	2475	2543	2611	2679	2747	2815	2883	2951	3019	3087	3155	3223	3291	3359	3427	3495	3563	3631	3699	3767	3835	3903	3971	4039	4107	4175	4243	4311	4379	4447	4515	4583	4651	4719	4787	4855	4923	4991	5059	5127	5195	5263	5331	5399	5467	5535	5603	5671	5739	5807	5875	5943	6011	6079	6147	6215	6283	6351	6419	6487	6555	6623	6691	6759	6827	6895	6963	7031	7099	7167	7235	7303	7371	7439	7507	7575	7643	7711	7779	7847	7915	7983	8051	8119	8187	8255	8323	8391	8459	8527	8595	8663	8731	8799	8867	8935	9003	9071	9139	9207	9275	9343	9411	9479	9547	9615	9683	9751	9819	9887	9955	10023	10091	10159	10227	10295	10363	10431	10499	10567	10635	10703	10771	10839	10907	10975	11043	11111	11179	11247	11315	11383	11451	11519	11587	11655	11723	11791	11859	11927	11995	12063	12131	12199	12267	12335	12403	12471	12539	12607	12675	12743	12811	12879	12947	13015	13083	13151	13219	13287	13355	13423	13491	13559	13627	13695	13763	13831	13899	13967	14035	14103	14171	14239	14307	14375	14443	14511	14579	14647	14715	14783	14851	14919	14987	15055	15123	15191	15259	15327	15395	15463	15531	15599	15667	15735	15803	15871	15939	16007	16075	16143	16211	16279	16347	16415	16483	16551	16619	16687	16755	16823	16891	16959	17027	17095	17163	17231	17299	17367	17435	17503	17571	17639	17707	17775	17843	17911	17979	18047	18115	18183	18251	18319	18387	18455	18523	18591	18659	18727	18795	18863	18931	18999	19067	19135	19203	19271	19339	19407	19475	19543	19611	19679	19747	19815	19883	19951	20019	20087	20155	20223	20291	20359	20427	20495	20563	20631	20699	20767	20835	20903	20971	21039	21107	21175	21243	21311	21379	21447	21515	21583	21651	21719	21787	21855	21923	21991	22059	22127	22195	22263	22331	22399	22467	22535	22603	22671	22739	22807	22875	22943	23011	23079	23147	23215	23283	23351	23419	23487	23555	23623	23691	23759	23827	23895	23963	24031	24099	24167	24235	24303	24371	24439	24507	24575	24643	24711	24779	24847	24915	24983	25051	25119	25187	25255	25323	25391	25459	25527	25595	25663	25731	25799	25867	25935	26003	26071	26139	26207	26275	26343	26411	26479	26547	26615	26683	26751	26819	26887	26955	27023	27091	27159	27227	27295	27363	27431	27499	27567	27635	27703	27771	27839	27907	27975	28043	28111	28179	28247	28315	28383	28451	28519	28587	28655	28723	28791	28859	28927	28995	29063	29131	29199	29267	29335	29403	29471	29539	29607	29675	29743	29811	29879	29947	30015	30083	30151	30219	30287	30355	30423	30491	30559	30627	30695	30763	30831	30899	30967	31035	31103	31171	31239	31307	31375	31443	31511	31579	31647	31715	31783	31851	31919	31987	32055	32123	32191	32259	32327	32395	32463	32531	32599	32667	32735	32803	32871	32939	33007	33075	33143	33211	33279	33347	33415	33483	33551	33619	33687	33755	33823	33891	33959	34027	34095	34163	34231	34299	34367	34435	34503	34571	34639	34707	34775	34843	34911	34979	35047	35115	35183	35251	35319	35387	35455	35523	35591	35659	35727	35795	35863	35931	36000	36068	36136	36204	36272	36340	36408	36476	36544	36612	36680	36748	36816	36884	36952	37020	37088	37156	37224	37292	37360	37428	37496	37564	37632	37700	37768	37836	37904	37972	38040	38108	38176	38244	38312	38380	38448	38516	38584	38652	38720	38788	38856	38924	38992	39060	39128	39196	39264	39332	39400	39468	39536	39604	39672	39740	39808	39876	39944	40012	40080	40148	40216	40284	40352	40420	40488	40556	40624	40692	40760	40828	40896	40964	41032	41100	41168	41236	41304	41372	41440	41508	41576	41644	41712	41780	41848	41916	41984	42052	42120	42188	42256	42324	42392	42460	42528	42596	42664	42732	42800	42868	42936	43004	43072	43140	43208	43276	43344	43412	43480	43548	43616	43684	43752	43820	43888	43956	44024	44092	44160	44228	44296	44364	44432	44500	44568	44636	44704	44772	44840	44908	44976	45044	45112	45180	45248	45316	45384	45452	45520	45588	45656	45724	45792	45860	45928	45996	46064	46132	46200	46268	46336	46404	46472	46540	46608	46676	46744	46812	46880	46948	47016	47084	47152	47220	47288	47356	47424	47492	47560	47628	47696	47764	47832	47900	47968	48036	48104	48172	48240	48308	48376	48444	48512	48580	48648	48716	48784	48852	48920	48988	49056	49124	49192	49260	49328	49396	49464	49532	49600	49668	49736	49804	49872	49940	50008	50076	50144	50212	50280	50348	50416	50484	50552	50620	50688	50756	50824	50892	50960	51028	51096	51164	51232	51300	51368	51436	51504	51572	51640	51708	51776	51844	51912	51980	52048	52116	52184	52252	52320	52388	52456	52524	52592	52660	52728	52796	52864	52932	53000	53068	53136	53204	53272	53340	53408	53476	53544	53612	53680	53748	53816	53884	53952	54020	54088	54156	54224	54292	54360	54428	54496	54564	54632	54700	54768	54836	54904	54972	55040	55108	55176	55244	55312	55380	55448	55516	55584	55652	55720	55788	55856	55924	55992	56060	56128	56196	56264	56332	56400	56468	56536	56604	56672	56740	56808	56876	56944	57012	57080	57148	57216	57284	57352	57420	57488	57556	57624	57692	57760	57828	57896	57964	58032	58100	58168	58236	58304	58372	58440	58508	58576	58644	58712	58780	58848	58916	58984	59052	59120	59188	59256	59324	59392	59460	59528	59596	59664	59732	59800	59868	59936	60004	60072	60140	60208	60276	60344	60412	60480	60548	60616	60684	60752	60820	60888	60956	61024	61092	61160	61228	61296	61364	61432	61500	61568	61636	61704	61772	61840	61908	61976	62044	62112	62180	62248	62316	62384	62452	62520	62588	62656	62724	62792	62860	62928	62996	63064	63132	63200	63268	63336	63404	63472	63540	63608	63676	63744	63812	63880	63948	64016	64084	64152	64220	64288	64356	64424	64492	64560	64628	64696	64764	64832	64900	64968	65036	65104	65172	65240	65308	65376	65444	65512	65580	65648	65716	65784	65852	65920	65988	66056	66124	66192	66260	66328	66396	66464	66532	66600	66668	66736	66804	66872	66940	67008	67076	67144	67212	67280	67348	67416	67484	67552	67620	67688	67756	67824	67892	67960	68028	68096	68164	68232	68300	68368	68436	68504	68572	68640	68708	68776	68844	68912	68980	69048	69116	69184	69252	69320	69388	69456	69524	69592	69660	69728	69796	69864	69932	70000	70068	70136	70204	70272	70340	70408	70476	70544	70612	70680	70748	70816	70884	70952	71020	71088	71156	71224	71292	71360	71428	71496	71564	71632	71700	71768	71836	71904	71972	72040	72108	72176	72244	72312	72380	72448	72516	72584	72652	72720	72788	72856	72924	72992	73060	73128	73196	73264	73332	73400	73468	73536	73604	73672	73740	73808	73876	73944	74012	74080	74148	74216	74284	74352	74420	74488	74556	74624	74692	74760	74828	74896	74964	75032	75100	75168	75236	75304	75372	75440	75508	75576	75644	75712	75780	75848	75916	75984	76052	76120	76188	76256	76324	76392	76460	76528	76596	76664	76732	76800	76868	76936	77004	77072	77140	77208	77276	77344	77412	77480	77548	77616	77684	77752	77820	77888	77956	78024	78092	78160	78228	78296	78364	78432	78500	78568	78636	78704	78772	78840	78908	78976	79044	79112	79180	79248	79316	79384	79452	79520	79588	79656	79724	79792	79860	79928	79996	80064	80132	80200	80268	80336	80404	80472	80540	80608	80676	80744	80812	80880	80948	81016	81084	81152	81220	81288	81356	81424	81492	81560	81628	81696	8

	0.1%	0.2%	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	0.9%	1.0%	1.2%	1.5%	2%	3%	5%	7%	10%	15%	20%	30%	40%	50%	
50	29.5	30.5	31.4	32.5	33.9	34.8	35.4	36.2	37.1	37.7	38.5	39.4	40.1	41.2	42.9	44.5	46.2	49.6	54.0	59.5	66.5	81.0	91.1
51	29.6	30.6	31.5	32.6	34.0	34.9	35.5	36.3	37.2	37.8	38.5	39.4	40.1	41.2	42.9	44.5	46.2	49.6	54.0	59.5	66.5	81.0	91.1
52	30.4	31.4	32.3	33.4	34.8	35.7	36.3	37.1	38.0	38.6	39.4	40.1	40.8	41.9	43.6	45.2	48.6	53.0	57.4	62.9	69.9	84.4	100.1
53	31.2	32.2	33.1	34.2	35.6	36.5	37.2	38.0	38.9	39.5	40.3	41.2	42.0	43.1	44.8	46.5	50.0	54.4	58.8	64.3	71.3	85.8	101.5
54	31.9	33.0	33.9	35.0	36.4	37.3	38.0	38.9	39.8	40.4	41.2	42.1	43.0	44.0	45.8	48.5	52.0	56.4	60.8	66.3	73.3	87.8	103.5
55	32.7	33.8	34.7	35.8	37.2	38.1	38.9	39.8	40.7	41.3	42.1	43.0	43.8	44.9	46.7	49.5	53.0	57.4	61.8	67.3	74.3	88.8	104.5
56	33.5	34.6	35.5	36.6	38.0	38.9	39.8	40.6	41.5	42.2	43.0	43.8	44.6	45.9	47.7	50.5	54.0	58.4	62.8	68.3	75.3	89.8	105.5
57	34.2	35.3	36.2	37.3	38.7	39.6	40.4	41.2	42.1	42.8	43.6	44.4	45.2	46.6	48.4	51.2	54.7	59.1	63.5	69.0	76.0	90.5	106.5
58	35.0	36.1	37.0	38.1	39.5	40.4	41.2	42.0	42.9	43.6	44.4	45.2	46.0	47.4	49.2	52.0	55.5	60.0	64.4	70.0	77.0	91.5	107.5
59	35.8	36.9	37.8	38.9	40.3	41.2	42.0	42.8	43.7	44.4	45.2	46.0	46.8	48.2	50.0	52.7	56.2	60.7	65.1	70.7	77.7	92.2	108.2
60	36.6	37.7	38.6	39.7	41.1	42.0	42.8	43.6	44.5	45.2	46.0	46.8	47.6	49.0	50.8	53.5	57.0	61.5	66.0	71.6	78.6	93.1	109.1
61	37.4	38.5	39.4	40.5	41.9	42.8	43.6	44.4	45.3	46.0	46.8	47.6	48.4	49.8	51.6	54.3	57.8	62.3	66.8	72.4	79.4	93.9	110.1
62	38.2	39.3	40.2	41.3	42.7	43.6	44.4	45.2	46.1	46.8	47.6	48.4	49.2	50.6	52.4	55.1	58.6	63.1	67.6	73.2	80.2	94.9	111.1
63	39.0	40.1	41.0	42.1	43.5	44.4	45.2	46.0	46.8	47.6	48.4	49.2	50.0	51.4	53.2	55.9	59.4	63.9	68.4	74.0	81.0	95.7	112.1
64	39.8	40.9	41.8	42.9	44.3	45.2	46.0	46.8	47.6	48.4	49.2	50.0	50.8	52.2	54.0	56.7	60.2	64.7	69.2	74.8	81.8	96.5	113.1
65	40.6	41.7	42.6	43.7	45.1	46.0	46.8	47.6	48.4	49.2	50.0	50.8	51.6	53.0	54.8	57.5	61.0	65.5	70.0	75.6	82.6	97.3	114.1
66	41.4	42.5	43.4	44.5	45.9	46.8	47.6	48.4	49.2	50.0	50.8	51.6	52.4	53.8	55.6	58.3	61.8	66.3	70.8	76.4	83.4	98.1	115.1
67	42.2	43.3	44.2	45.3	46.7	47.6	48.4	49.2	50.0	50.8	51.6	52.4	53.2	54.6	56.4	59.1	62.6	67.1	71.6	77.2	84.2	98.9	116.1
68	43.0	44.1	45.0	46.1	47.5	48.4	49.2	50.0	50.8	51.6	52.4	53.2	54.0	55.4	57.2	59.9	63.4	67.9	72.4	78.0	85.0	99.7	117.1
69	43.8	44.9	45.8	46.9	48.3	49.2	50.0	50.8	51.6	52.4	53.2	54.0	54.8	56.2	58.0	60.7	64.2	68.7	73.2	78.8	85.8	100.5	118.1
70	44.6	45.7	46.6	47.7	49.1	50.0	50.8	51.6	52.4	53.2	54.0	54.8	55.6	57.0	58.8	61.5	65.0	69.5	74.0	79.6	86.6	101.3	119.1
71	45.4	46.5	47.4	48.5	50.0	50.8	51.6	52.4	53.2	54.0	54.8	55.6	56.4	57.8	59.6	62.3	65.8	70.3	74.8	80.4	87.4	102.1	120.1
72	46.2	47.3	48.2	49.3	50.7	51.6	52.4	53.2	54.0	54.8	55.6	56.4	57.2	58.6	60.4	63.1	66.6	71.1	75.6	81.2	88.2	103.1	121.1
73	47.0	48.1	49.0	50.1	51.5	52.4	53.2	54.0	54.8	55.6	56.4	57.2	58.0	59.4	61.2	63.9	67.4	71.9	76.4	82.0	89.0	104.1	122.1
74	47.8	48.9	49.8	50.9	52.3	53.2	54.0	54.8	55.6	56.4	57.2	58.0	58.8	60.2	62.0	64.7	68.2	72.7	77.2	82.8	89.8	105.1	123.1
75	48.6	49.7	50.6	51.7	53.1	54.0	54.8	55.6	56.4	57.2	58.0	58.8	59.6	61.0	62.8	65.5	69.0	73.5	78.0	83.6	90.6	106.1	124.1
76	49.4	50.5	51.4	52.5	53.9	54.8	55.6	56.4	57.2	58.0	58.8	59.6	60.4	61.8	63.6	66.3	69.8	74.3	78.8	84.4	91.4	107.1	125.1
77	50.2	51.3	52.2	53.3	54.7	55.6	56.4	57.2	58.0	58.8	59.6	60.4	61.2	62.6	64.4	67.1	70.6	75.1	79.6	85.2	92.2	108.1	126.1
78	51.0	52.1	53.0	54.1	55.5	56.4	57.2	58.0	58.8	59.6	60.4	61.2	62.0	63.4	65.2	67.9	71.4	75.9	80.4	86.0	93.0	109.1	127.1
79	51.8	52.9	53.8	54.9	56.3	57.2	58.0	58.8	59.6	60.4	61.2	62.0	62.8	64.2	66.0	68.7	72.2	76.7	81.2	86.8	93.8	110.1	128.1
80	52.6	53.7	54.6	55.7	57.1	58.0	58.8	59.6	60.4	61.2	62.0	62.8	63.6	65.0	66.8	69.5	73.0	77.5	82.0	87.6	94.6	111.1	129.1
81	53.4	54.5	55.4	56.5	57.9	58.8	59.6	60.4	61.2	62.0	62.8	63.6	64.4	65.8	67.6	70.3	73.8	78.3	82.8	88.4	95.4	112.1	130.1
82	54.2	55.3	56.2	57.3	58.7	59.6	60.4	61.2	62.0	62.8	63.6	64.4	65.2	66.6	68.4	71.1	74.6	79.1	83.6	89.2	96.2	113.1	131.1
83	55.0	56.1	57.0	58.1	59.5	60.4	61.2	62.0	62.8	63.6	64.4	65.2	66.0	67.4	69.2	71.9	75.4	79.9	84.4	90.0	97.0	114.1	132.1
84	55.8	56.9	57.8	58.9	60.3	61.2	62.0	62.8	63.6	64.4	65.2	66.0	66.8	68.2	70.0	72.7	76.2	80.7	85.2	90.8	97.8	115.1	133.1
85	56.6	57.7	58.6	59.7	61.1	62.0	62.8	63.6	64.4	65.2	66.0	66.8	67.6	69.0	70.8	73.5	77.0	81.5	86.0	91.6	98.6	116.1	134.1
86	57.4	58.5	59.4	60.5	61.9	62.8	63.6	64.4	65.2	66.0	66.8	67.6	68.4	69.8	71.6	74.3	77.8	82.3	86.8	92.4	99.4	117.1	135.1
87	58.2	59.3	60.2	61.3	62.7	63.6	64.4	65.2	66.0	66.8	67.6	68.4	69.2	70.6	72.4	75.1	78.6	83.1	87.6	93.2	100.2	118.1	136.1
88	59.0	60.1	61.0	62.1	63.5	64.4	65.2	66.0	66.8	67.6	68.4	69.2	70.0	71.4	73.2	75.9	79.4	83.9	88.4	94.0	101.0	119.1	137.1
89	59.8	60.9	61.8	62.9	64.3	65.2	66.0	66.8	67.6	68.4	69.2	70.0	70.8	72.2	74.0	76.7	80.2	84.7	89.2	94.8	101.8	120.1	138.1
90	60.6	61.7	62.6	63.7	65.1	66.0	66.8	67.6	68.4	69.2	70.0	70.8	71.6	73.0	74.8	77.5	81.0	85.5	90.0	95.6	102.6	121.1	139.1
91	61.4	62.5	63.4	64.5	65.9	66.8	67.6	68.4	69.2	70.0	70.8	71.6	72.4	73.8	75.6	78.3	81.8	86.3	90.8	96.4	103.4	122.1	140.1
92	62.2	63.3	64.2	65.3	66.7	67.6	68.4	69.2	70.0	70.8	71.6	72.4	73.2	74.6	76.4	79.1	82.6	87.1	91.6	97.2	104.2	123.1	141.1
93	63.0	64.1	65.0	66.1	67.5	68.4	69.2	70.0	70.8	71.6	72.4	73.2	74.0	75.4	77.2	79.9	83.4	87.9	92.4	98.0	105.0	124.1	142.1
94	63.8	64.9	65.8	66.9	68.3	69.2	70.0	70.8	71.6	72.4	73.2	74.0	74.8	76.2	78.0	80.7	84.2	88.7	93.2	98.8	105.8	125.1	143.1
95	64.6	65.7	66.6	67.7	69.1	70.0	70.8	71.6	72.4	73.2	74.0	74.8	75.6	77.0	78.8	81.5	85.0	89.5	94.0	99.6	106.6	126.1	144.1
96	65.4	66.5	67.4	68.5	69.9	70.8	71.6	72.4	73.2	74.0	74.8	75.6	76.4	77.8	79.6	82.3	85.8	90.3	94.8	100.4	107.4	127.1	145.1
97	66.2	67.3	68.2	69.3	70.7	71.6	72.4	73.2	74.0	74.8	75.6	76.4	77.2	78.6	80.4	83.1	86.6	91.1	95.6	101.2	108.2	128.1	146.1
98	67.0	68.1	69.0	70.1	71.5	72.4	73.2	74.0	74.8	75.6	76.4	77.2	78.0	79.4	81.2	83.9	87.4	91.9	96.4	102.0	109.0	129.1	147.1
99	67.8	68.9	69.8	70.9	72.3	73.2	74.0	74.8	75.6	76.4	77.2	78.0	78.8	80.2	82.0	84.7	88.2	92.7	97.2	102.8	109.8	130.1	148.1
100	68.6	69.7	70.6	71.7	73.1	74.0	74.8	75.6	76.4	77.2	78.0	78.8	79.6	81.0	82.8	85.5	89.0	93.5	98.0	103.6	110.6	131.1	149.1

	70.9	72.6	73.6	75.0	77.0	79.3	80.7	81.8	82.7	83.5	84.2	84.8	85.0	85.5	85.9	86.9	88.1	89.9	91.9	92.8	93.8	94.7	95.5	95.8	96.7	97.7	98.7	99.8	101.1	104.1	112.3	120.6	130.7	141.2	150.0			
102	70.9	72.6	73.6	75.0	77.0	79.3	80.7	81.8	82.7	83.5	84.2	84.8	85.0	85.5	85.9	86.9	88.1	89.9	91.9	92.8	93.8	94.7	95.5	95.8	96.7	97.7	98.7	99.8	101.1	104.1	112.3	120.6	130.7	141.2	150.0			
104	72.6	74.3	75.3	76.7	78.8	81.1	82.5	83.7	84.6	85.4	86.1	86.7	87.3	87.9	88.6	89.2	90.7	92.0	93.6	94.7	95.6	96.5	97.4	98.3	99.2	100.1	101.0	102.0	103.1	104.3	105.5	106.7	107.9	109.1	110.3	111.5	112.7	
106	74.3	76.0	77.1	78.5	80.5	82.8	84.3	85.5	86.4	87.2	87.9	88.6	89.2	89.8	90.5	91.1	92.6	94.3	96.1	97.2	98.1	99.0	99.9	100.5	101.0	101.7	102.4	103.0	104.0	105.2	106.4	107.6	108.8	110.0	111.2	112.4	113.6	
108	76.0	77.7	78.8	80.2	82.3	84.6	86.2	87.3	88.3	89.1	89.8	90.5	91.1	91.7	92.3	93.9	96.4	99.1	101.8	103.5	104.5	105.4	106.3	107.1	107.8	108.4	109.0	109.6	110.3	111.1	111.9	112.7	113.5	114.3	115.1	115.9	116.7	
110	77.7	79.4	80.5	81.9	84.1	86.4	88.0	89.2	90.1	90.9	91.3	92.3	92.9	93.5	94.5	96.8	99.5	102.2	104.9	106.6	107.6	108.5	109.3	110.0	110.7	111.3	111.9	112.5	113.2	113.9	114.6	115.3	116.0	116.7	117.4	118.1	118.8	
112	79.4	81.1	82.2	83.7	85.9	88.3	89.8	91.0	92.0	92.8	93.5	94.2	94.8	95.4	96.4	98.8	101.5	104.2	106.9	108.6	109.6	110.5	111.3	112.0	112.7	113.3	113.9	114.5	115.1	115.7	116.3	116.9	117.5	118.1	118.7	119.3	119.9	
114	81.1	82.9	84.0	85.4	88.6	91.1	91.6	92.8	93.8	94.7	95.4	96.1	96.7	97.3	98.0	100.4	103.1	105.8	108.5	110.2	111.2	112.0	112.8	113.5	114.2	114.8	115.4	116.0	116.6	117.2	117.8	118.4	119.0	119.6	120.2	120.8	121.4	122.0
116	82.9	84.6	85.7	87.2	90.4	92.9	93.5	94.7	95.7	96.5	97.3	98.0	98.6	99.2	100.2	102.6	105.3	108.0	110.7	112.4	113.4	114.2	115.0	115.8	116.6	117.3	117.9	118.5	119.1	119.7	120.3	120.9	121.5	122.1	122.7	123.3	123.9	
118	84.6	86.3	87.4	88.9	92.1	94.6	95.3	96.5	97.5	98.4	99.2	99.9	100.5	101.0	102.1	104.5	107.2	110.0	112.7	114.4	115.4	116.2	117.0	117.8	118.5	119.1	119.7	120.3	120.9	121.5	122.1	122.7	123.3	123.9	124.5	125.1	125.7	
120	86.3	88.0	89.2	90.7	93.9	96.4	97.1	98.4	99.4	100.3	101.0	101.7	102.4	103.0	104.0	106.4	109.1	111.8	114.5	116.2	117.2	118.0	118.8	119.4	120.0	120.6	121.2	121.8	122.4	123.0	123.6	124.2	124.8	125.4	126.0	126.6	127.2	
122	88.0	89.7	90.9	92.5	95.7	98.2	98.9	100.2	101.2	102.1	102.9	103.6	104.3	104.9	105.9	108.3	111.0	113.7	116.4	118.1	119.1	120.0	120.8	121.6	122.3	123.0	123.7	124.4	125.1	125.8	126.5	127.2	127.9	128.6	129.3	130.0	130.7	
124	89.7	91.5	92.7	94.2	97.4	99.9	100.8	102.1	103.1	104.0	104.8	105.5	106.2	106.8	107.9	110.3	113.0	115.7	118.4	120.1	121.1	122.0	122.8	123.5	124.2	124.9	125.6	126.3	127.0	127.7	128.4	129.1	129.8	130.5	131.2	131.9	132.6	
126	91.5	93.2	94.4	96.0	99.2	101.7	102.6	103.9	105.0	105.9	106.7	107.4	108.1	108.7	109.8	112.2	114.9	117.6	120.3	122.0	123.0	123.8	124.6	125.3	126.0	126.7	127.4	128.1	128.8	129.5	130.2	130.9	131.6	132.3	133.0	133.7	134.4	
128	93.2	95.0	96.2	97.8	101.0	103.5	104.5	105.8	106.8	107.7	108.5	109.3	109.9	110.5	111.6	114.0	116.7	119.4	122.1	123.8	124.8	125.6	126.4	127.1	127.8	128.5	129.2	129.9	130.6	131.3	132.0	132.7	133.4	134.1	134.8	135.5	136.2	
130	94.8	96.7	97.9	99.5	102.7	105.2	106.3	107.6	108.7	109.6	110.4	111.2	111.8	112.3	113.4	115.8	118.5	121.2	123.9	125.6	126.6	127.4	128.2	128.9	129.6	130.3	131.0	131.7	132.4	133.1	133.8	134.5	135.2	135.9	136.6	137.3	138.0	
132	96.5	98.5	99.7	101.5	104.7	107.2	108.1	109.5	110.5	111.5	112.3	113.1	113.7	114.2	115.3	117.7	120.4	123.1	125.8	127.5	128.5	129.3	130.1	130.8	131.5	132.2	132.9	133.6	134.3	135.0	135.7	136.4	137.1	137.8	138.5	139.2	139.9	
134	98.2	100.2	101.4	103.1	106.3	108.8	110.0	111.3	112.4	113.4	114.2	115.0	115.6	116.1	117.2	120.6	123.3	126.0	127.7	128.7	129.5	130.3	131.1	131.8	132.5	133.2	133.9	134.6	135.3	136.0	136.7	137.4	138.1	138.8	139.5	140.2	140.9	
136	100.0	101.9	103.2	104.9	108.0	110.5	111.8	113.2	114.3	115.2	116.1	116.8	117.4	117.9	119.0	122.4	125.1	127.8	129.5	130.5	131.3	132.1	132.9	133.6	134.3	135.0	135.7	136.4	137.1	137.8	138.5	139.2	139.9	140.6	141.3	142.0	142.7	
138	101.7	103.7	105.0	106.6	109.7	112.2	113.7	115.0	116.2	117.1	118.0	118.7	119.4	120.1	121.2	124.6	127.3	130.0	131.7	132.7	133.5	134.3	135.1	135.8	136.5	137.2	137.9	138.6	139.3	140.0	140.7	141.4	142.1	142.8	143.5	144.2	144.9	
140	103.4	105.4	106.7	108.4	111.5	114.0	115.5	116.9	118.0	119.0	119.9	120.6	121.4	122.0	123.1	126.5	129.2	131.9	133.6	134.6	135.4	136.2	137.0	137.7	138.4	139.1	139.8	140.5	141.2	141.9	142.6	143.3	144.0	144.7	145.4	146.1	146.8	
142	105.1	107.2	108.5	110.2	113.3	115.8	117.4	118.7	119.9	120.9	121.8	122.5	123.2	123.9	125.0	128.4	131.1	133.8	135.5	136.5	137.3	138.1	138.9	139.6	140.3	141.0	141.7	142.4	143.1	143.8	144.5	145.2	145.9	146.6	147.3	148.0	148.7	
144	106.9	109.0	110.2	112.0	115.1	117.6	119.2	120.6	121.8	122.8	123.6	124.4	125.1	125.8	127.0	130.4	133.1	135.8	137.5	138.5	139.3	140.1	140.8	141.5	142.2	142.9	143.6	144.3	145.0	145.7	146.4	147.1	147.8	148.5	149.2	149.9	150.6	
146	108.6	110.7	112.0	113.8	116.9	119.4	121.1	122.5	123.6	124.6	125.5	126.3	127.1	127.8	129.0	132.4	135.1	137.8	139.5	140.5	141.3	142.1	142.8	143.5	144.2	144.9	145.6	146.3	147.0	147.7	148.4	149.1	149.8	150.5	151.2	151.9	152.6	
148	110.4	112.5	113.8	115.5	118.6	121.1	122.9	124.3	125.5	126.5	127.4	128.2	129.0	129.7	131.0	134.4	137.1	139.8	141.5	142.5	143.3	144.1	144.8	145.5	146.2	146.9	147.6	148.3	149.0	149.7	150.4	151.1	151.8	152.5	153.2	153.9	154.6	
150	112.1	114.2	115.6	117.3	120.4	122.9	124.8	126.2	127.4	128.4	129.3	130.1	130.9	131.6	133.0	136.4	139.1	141.8	143.5	144.5	145.3	146.1	146.8	147.5	148.2	148.9	149.6	150.3	151.0	151.7	152.4	153.1	153.8	154.5	155.2	155.9	156.6	
152	113.8	116.0	117.3	119.1	122.2	124.7	126.6	128.1	129.3	130.3	131.2	132.0	132.8	133.5	134.9	138.3	141.0	143.7	145.4	146.4	147.2	148.0	148.7	149.4	150.1	150.8	151.5	152.2	152.9	153.6	154.3	155.0	155.7	156.4	157.1	157.8	158.5	
154	115.6	117.8	119.1	120.9	124.0	126.5	128.5	129.9	131.2	132.2	133.0	133.8	134.5	135.2	136.6	140.0	142.7	145.4	147.1	148.1	148.9	149.7	150.4	151.1	151.8	152.5	153.2	153.9	154.6	155.3	156.0	156.7	157.4	158.1	158.8	159.5	160.2	
156	117.3	119.5	120.7	122.4	125.5	128.0	130.0	131.4	132.5	133.4	134.2	135.0	135.7	136.4	137.8	141.2	143.9	146.6	148.3	149.3	150.1	150.9	151.6	152.3	153.0	153.7	154.4	155.1	155.8	156.5	157.2	157.9	158.6	159.3	160.0	160.7	161.4	
158	119.1	121.3	122.4	124.5	127.6	130.1	132.0	133.4	134.5	135.4	136.2	137.0	137.7	138.5	140.9	143.6	146.3	148.0	149.0	149.8	150.6	151.3	152.0	152.7	153.4	154.1	154.8	155.5	156.2	156.9								

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TABLE I

TRAFFIC PARAMETERS FOR LIGHT TRAFFIC (10X) FOR AIM CENTRES

LINES	TELEPHONE SWITCHED CCSL	TELEPHONE SWITCHED CCSL	IN CCS	OUT CCS	TOTAL CCS	IN CCS	OUT CCS	TOTAL CCS	IN CALLS	OUT CALLS	TOTAL CALLS	LINES	
30	1.61	1.41	44	40	16	42	19	17	7	11	13	8	30
31	1.61	1.41	44	40	16	44	19	18	7	11	13	8	31
32	1.61	1.41	44	40	16	45	20	18	7	11	13	8	32
33	1.61	1.41	44	40	16	47	20	19	7	11	14	8	33
34	1.61	1.41	44	40	16	48	21	18	8	12	14	8	34
35	1.65	1.41	43	40	17	48	21	20	8	12	15	8	35
36	1.65	1.41	43	40	17	51	22	20	6	13	15	9	36
37	1.65	1.41	43	40	17	52	23	21	8	13	16	10	37
38	1.65	1.41	43	40	17	54	23	21	9	13	16	10	38
39	1.65	1.41	43	40	17	55	24	22	9	14	16	10	39
40	1.65	1.41	43	40	17	56	24	23	10	14	17	11	40
41	1.65	1.41	43	40	17	58	25	23	10	14	17	11	41
42	1.65	1.41	43	40	17	59	25	24	10	14	18	11	42
43	1.65	1.41	43	40	17	61	26	24	10	15	18	11	43
44	1.65	1.41	43	40	17	62	27	25	11	15	18	12	44
45	1.68	1.41	42	40	18	63	27	25	11	15	18	12	45
46	1.68	1.41	42	40	18	65	28	26	11	16	19	12	46
47	1.68	1.41	42	40	18	66	28	26	12	16	19	12	47
48	1.68	1.41	42	40	18	68	29	27	12	17	20	13	48
49	1.68	1.41	42	40	18	69	29	27	12	17	20	13	49
50	1.68	1.41	42	40	18	71	30	28	12	17	21	14	50
51	1.68	1.41	42	39	19	72	31	28	13	18	21	14	51
52	1.68	1.41	42	39	19	73	31	28	13	18	21	14	52
53	1.68	1.41	42	39	19	75	32	28	14	18	21	15	53
54	1.68	1.41	42	38	16	76	32	29	14	18	22	15	54
55	1.68	1.41	42	39	19	78	33	30	14	19	22	16	55
56	1.68	1.41	42	39	19	79	33	31	15	19	23	17	56
57	1.68	1.41	42	39	19	80	34	32	15	19	24	17	57
58	1.68	1.41	42	38	19	82	34	32	15	19	24	17	58
59	1.68	1.41	42	39	19	83	35	33	16	20	24	18	59
60	1.68	1.41	42	39	19	85	36	33	16	21	24	18	60
61	1.68	1.41	42	39	19	86	37	34	17	21	25	18	61
62	1.68	1.41	42	39	19	87	38	34	17	21	25	18	62
63	1.68	1.41	42	39	19	90	37	35	17	21	26	19	63
64	1.68	1.41	42	38	19	90	38	35	17	22	26	19	64

TABLE I

TRAFFIC PARAMETERS FOR LIGHT POLICE (10X) PDS AND CIRCUITS

LINE	TELEPHONE COST	SWITCHED COST	IN SEC	OUT SEC	IN CALLS	OUT CALLS	TOTAL SEC	IN CALLS	OUT CALLS	IN CALLS	OUT CALLS	IN CALLS	OUT CALLS	IN CALLS	OUT CALLS
65	168	1.41	43	39	19	92	28	26	18	23	27	20	66	66	66
66	168	1.41	43	39	18	92	38	36	18	23	27	20	64	64	64
67	168	1.41	43	39	18	91	39	37	18	23	27	20	67	67	67
68	168	1.41	43	39	18	91	40	37	18	23	27	21	68	68	68
69	168	1.41	41	38	20	81	40	38	18	23	28	21	68	68	68
70	168	1.41	41	39	20	89	41	38	18	23	28	21	70	70	70
71	168	1.41	41	39	20	100	43	39	20	24	28	23	71	71	71
72	168	1.41	41	39	20	102	43	39	20	24	28	23	72	72	72
73	168	1.41	41	39	20	103	43	40	20	24	30	22	73	73	73
74	168	1.41	41	38	20	104	43	40	21	26	30	23	74	74	74
75	168	1.41	41	38	20	106	44	41	21	25	30	23	75	75	75
76	168	1.41	41	39	20	107	44	41	21	25	30	23	76	76	76
77	168	1.41	41	39	20	109	45	42	22	26	31	25	77	77	77
78	168	1.41	41	39	20	110	45	43	22	26	31	25	78	78	78
79	168	1.41	41	38	20	111	46	43	22	26	31	25	79	79	79
80	168	1.41	41	39	20	112	46	44	22	26	31	25	80	80	80
81	168	1.41	41	38	20	114	47	44	23	27	32	26	81	81	81
82	168	1.41	41	39	20	116	48	45	23	27	32	26	82	82	82
83	168	1.41	41	39	20	117	48	45	21	27	31	27	83	83	83
84	168	1.41	41	39	20	118	48	45	21	28	31	27	84	84	84
85	171	1.41	41	38	21	120	48	46	26	28	34	28	85	85	85
86	171	1.41	41	38	21	121	60	47	28	28	35	28	86	86	86
87	171	1.41	41	38	21	123	60	47	25	28	35	28	87	87	87
88	171	1.41	41	38	21	124	51	48	26	28	36	28	88	88	88
89	171	1.41	41	38	21	125	61	48	26	28	36	28	89	89	89
90	171	1.41	41	38	21	127	62	48	26	28	36	28	90	90	90
91	171	1.41	41	38	21	128	62	48	27	28	36	28	91	91	91
92	171	1.41	41	38	21	130	63	60	27	30	37	30	92	92	92
93	171	1.41	41	38	21	131	53	60	27	30	37	30	93	93	93
94	171	1.41	41	38	21	133	64	61	28	31	38	31	94	94	94
95	171	1.41	41	38	21	134	55	61	28	31	38	31	95	95	95
96	171	1.41	41	38	21	135	55	62	29	31	39	32	96	96	96
97	171	1.41	41	38	21	137	66	63	29	32	39	32	97	97	97
98	171	1.41	41	38	21	138	66	63	29	32	39	32	98	98	98
99	171	1.41	41	38	21	140	57	63	29	32	39	32	99	99	99

TABLE I

TRAFFIC PARAMETERS FOR LIGHT TRAFFIC (10%) PEAK AND CENTER

LINES	TELEPHONY CCSL	SWITCHED CCSL	ΣIN ΣOUT ΣINTRA	TOTAL CCS	IN CCS	OUT CCS	INTRA CCS	IN CALLS	OUT CALLS	INTRA CALLS	LINES
100	1.71	1.41	41 39 31	141	51	64	20	32	40	32	100
120	1.72	1.41	40 39 32	169	66	64	31	38	47	41	120
140	1.73	1.41	39 39 33	187	76	74	44	44	55	50	140
160	1.75	1.41	38 37 34	276	66	84	62	50	62	58	160
180	1.76	1.41	38 37 34	254	85	94	61	56	70	67	180
200	1.75	1.41	39 37 34	282	109	104	69	61	77	75	200
220	1.76	1.41	38 37 35	310	119	114	77	67	85	83	220
240	1.78	1.41	38 36 36	338	129	124	86	73	93	93	240
260	1.78	1.41	38 36 36	367	139	133	94	76	99	100	260
280	1.78	1.41	38 36 36	395	149	143	103	83	107	108	280
300	1.78	1.41	38 36 36	423	159	153	112	89	114	118	300
320	1.78	1.41	37 36 37	451	169	163	120	94	121	126	320
340	1.79	1.41	37 36 37	479	178	173	129	96	129	134	340
360	1.79	1.41	37 36 37	508	188	181	138	104	136	143	360
380	1.79	1.41	37 36 37	536	198	191	147	109	143	151	380
400	1.80	1.41	36 36 38	564	207	200	156	113	150	160	400
420	1.80	1.41	37 35 38	592	217	210	166	118	158	169	420
440	1.82	1.41	36 35 39	620	226	219	175	123	165	177	440
460	1.82	1.41	36 35 39	649	236	233	184	128	173	185	460
480	1.82	1.41	36 35 39	677	245	238	193	135	180	193	480
500	1.82	1.41	36 35 38	705	255	247	203	138	186	202	500
520	1.82	1.41	36 35 39	733	264	257	212	143	194	209	520
540	1.82	1.41	36 35 39	761	274	266	222	148	208	219	540
560	1.82	1.41	36 35 39	790	283	275	231	153	210	227	560
580	1.82	1.41	36 35 39	818	292	284	241	158	216	237	580
600	1.83	1.41	35 35 39	846	302	294	251	163	223	246	600
620	1.83	1.41	35 35 39	874	311	303	260	168	230	255	620
640	1.83	1.41	35 35 39	902	320	312	270	173	237	264	640
660	1.83	1.41	35 35 39	931	329	321	280	178	245	274	660
680	1.83	1.41	35 35 39	959	338	331	290	183	252	283	680
700	1.85	1.41	35 34 39	987	348	340	299	188	259	292	700
720	1.85	1.41	35 34 39	1015	357	349	309	193	267	301	720
740	1.85	1.41	35 34 39	1043	366	358	318	198	275	310	740
760	1.85	1.41	35 34 39	1072	375	367	327	203	282	320	760
780	1.85	1.41	35 34 39	1100	384	377	336	208	291	329	780

TABLE I

TRAFFIC PARAMETERS FOR LIGHT TRAFFIC (MIX) FOR AFD GENETRIX

LINE#	TELEPHONE C/S/L	SWITCHED C/S/L	MIX M/M/M	TOTAL C/S	IN C/S	OUT C/S	INTRA C/S	OUT C/S	INTRA C/S	OUT C/S	LINE#
800	1.41	1.41	31	1138	293	386	249	317	308	338	800
820	1.41	1.41	31	1116	402	395	259	217	307	348	820
840	1.41	1.41	31	1184	411	404	268	372	311	357	840
860	1.41	1.41	31	1113	430	413	275	237	322	366	860
880	1.41	1.41	31	1241	429	422	300	233	330	377	880
900	1.41	1.41	32	1269	438	431	400	237	338	386	900
920	1.41	1.41	32	1177	477	440	410	242	346	395	920
940	1.41	1.41	32	1225	456	449	420	246	354	405	940
960	1.41	1.41	32	1234	465	458	431	251	362	418	960
980	1.41	1.41	32	1382	474	467	441	286	370	424	980
1000	1.41	1.41	32	1410	483	476	451	261	378	432	1000
1020	1.41	1.41	32	1438	492	485	460	266	387	442	1020
1040	1.41	1.41	32	1466	602	405	469	271	395	450	1040
1060	1.41	1.41	32	1495	612	605	478	277	404	468	1060
1080	1.41	1.41	32	1523	621	614	487	282	412	488	1080
1100	1.41	1.41	32	1551	531	524	496	287	421	475	1100
1120	1.41	1.41	32	1579	641	633	505	292	429	483	1120
1140	1.41	1.41	32	1607	650	643	614	287	438	493	1140
1160	1.41	1.41	32	1636	660	652	523	302	446	501	1160
1180	1.41	1.41	32	1664	670	662	632	308	455	508	1180
1200	1.41	1.41	32	1692	679	671	641	312	463	518	1200
1250	1.41	1.41	32	1783	602	608	664	326	485	528	1250
1300	1.41	1.41	32	1833	628	618	687	338	507	540	1300
1350	1.41	1.41	32	1804	652	643	609	352	529	550	1350
1400	1.41	1.41	32	1974	676	666	622	366	550	600	1400
1450	1.41	1.41	32	2045	700	690	654	378	572	620	1450
1500	1.41	1.41	32	2116	724	714	677	391	595	641	1500
1550	1.41	1.41	32	2186	748	738	699	404	615	661	1550
1600	1.41	1.41	32	2256	772	762	722	417	635	682	1600
1650	1.41	1.41	32	2327	797	785	744	431	654	701	1650
1700	1.41	1.41	32	2397	821	809	767	444	674	722	1700
1750	1.41	1.41	32	2468	845	833	790	457	694	743	1750
1800	1.41	1.41	32	2538	869	857	813	470	714	762	1800
1850	1.41	1.41	32	2618	893	881	835	483	734	783	1850
1900	1.41	1.41	32	2688	917	904	857	496	754	803	1900

TABLE I

TRAFFIC PARAMETERS FOR LIGHT TRAFFIC (10X1) FOR AID CENTRES

LINES	TELEPHONY CGS/L	SWITCHED CGS/L	X ₁ M	X ₂ M	X ₃ M	X ₄ M	TOTAL CGS	IN CGS	OUT CGS	INTRA CGS	IN CALLS	OUT CALLS	INTRA CALLS	LINES
1950	1.86	1.41	34	34	32	32	2749	841	978	880	509	773	823	1950
2000	1.86	1.41	34	34	32	32	2820	866	952	902	522	793	843	2000
2050	1.86	1.41	34	34	32	32	2891	890	976	925	535	813	853	2050
2100	1.86	1.41	34	34	32	32	2961	914	1000	948	548	823	864	2100
2150	1.86	1.41	34	34	32	32	3032	938	1025	970	561	833	893	2150
2200	1.86	1.41	34	34	32	32	3102	962	1047	992	574	843	924	2200
2250	1.86	1.41	34	34	32	32	3173	986	1071	1015	587	853	943	2250
2300	1.86	1.41	34	34	32	32	3243	1110	1095	1038	600	864	964	2300
2350	1.86	1.41	34	34	32	32	3314	1135	1118	1060	614	873	983	2350
2400	1.86	1.41	34	34	32	32	3384	1159	1142	1083	628	883	1003	2400
2450	1.86	1.41	34	34	32	32	3455	1183	1166	1105	639	892	1023	2450
2500	1.86	1.41	34	34	32	32	3525	1207	1190	1128	652	902	1043	2500
2550	1.86	1.41	34	34	32	32	3596	1231	1214	1151	665	912	1064	2550
2600	1.86	1.41	34	34	32	32	3666	1255	1238	1173	678	922	1083	2600
2650	1.86	1.41	34	34	32	32	3737	1278	1261	1196	691	931	1103	2650
2700	1.86	1.41	34	34	32	32	3807	1304	1285	1218	705	941	1122	2700
2750	1.86	1.41	34	34	32	32	3878	1328	1309	1241	718	951	1143	2750
2800	1.86	1.41	34	34	32	32	3948	1352	1332	1263	731	961	1162	2800
2850	1.86	1.41	34	34	32	32	4019	1376	1357	1286	744	971	1182	2850
2900	1.86	1.41	34	34	32	32	4089	1400	1380	1308	757	980	1202	2900
2950	1.86	1.41	34	34	32	32	4160	1424	1404	1331	770	990	1222	2950
3000	1.86	1.41	34	34	32	32	4230	1448	1428	1354	783	1000	1242	3000
3100	1.86	1.41	34	34	32	32	4371	1497	1476	1399	808	1020	1281	3100
3200	1.86	1.41	34	34	32	32	4512	1545	1523	1444	835	1040	1321	3200
3300	1.86	1.41	34	34	32	32	4653	1593	1571	1489	861	1060	1360	3300
3400	1.86	1.41	34	34	32	32	4794	1641	1618	1534	887	1080	1400	3400
3500	1.86	1.41	34	34	32	32	4935	1690	1666	1578	914	1100	1438	3500
3600	1.86	1.41	34	34	32	32	5076	1738	1714	1624	939	1120	1477	3600
3700	1.86	1.41	34	34	32	32	5217	1786	1761	1669	965	1140	1516	3700
3800	1.86	1.41	34	34	32	32	5358	1835	1809	1715	992	1160	1555	3800
3900	1.86	1.41	34	34	32	32	5499	1883	1856	1760	1018	1180	1595	3900
4000	1.86	1.41	34	34	32	32	5640	1931	1904	1805	1044	1200	1634	4000
4100	1.86	1.41	34	34	32	32	5781	1979	1952	1850	1070	1220	1673	4100
4200	1.86	1.41	34	34	32	32	5922	2028	1999	1895	1096	1240	1712	4200
4300	1.86	1.41	34	34	32	32	6063	2076	2047	1940	1122	1260	1751	4300

TABLE I

TRAFFIC PARAMETERS FOR LIGHT TRAFFIC (LOS) FOR AIR COUNTRIES

LINE #	TELEPHONY CCS/L	SWITCHED CCS/L	MIN MIN	MIN MIN	MIN MIN	MIN MIN	TOTAL CCS	IN CCS	OUT CCS	INTRA CCS	IN CALLS	INTRA CALLS	OUT CALLS	INTRA CALLS	LINE #
4000	186	1.41	34	34	33	3204	3174	3094	1985	1146	1746	1788	4400		
4500	186	1.41	34	34	33	6345	3173	3143	2030	1110	1745	1828	4500		
4600	186	1.41	34	34	33	6486	3221	3180	2076	1301	1825	1866	4600		
4100	186	1.41	34	34	33	6677	3268	3227	2121	1126	1864	1906	4100		
4400	186	1.41	34	34	33	6768	3317	3276	2166	1363	1804	1845	4400		
4000	186	1.41	34	34	33	6809	3366	3325	2211	1278	1812	1854	4000		
5000	186	1.41	34	34	33	7050	3414	3373	2256	1305	1862	2022	5000		
5100	186	1.41	34	34	33	7181	3463	3422	2301	1331	2025	2061	5100		
5300	186	1.41	34	34	33	7332	3510	3470	2346	1357	2063	2098	5300		
5300	186	1.41	34	34	33	7413	3558	3517	2391	1383	2103	2138	5300		
5400	186	1.41	34	34	33	7614	3607	3566	2436	1409	2142	2176	5400		
5500	186	1.41	34	34	33	7755	3655	3614	2481	1435	2182	2215	5500		
5600	186	1.41	34	34	33	7896	3704	3663	2526	1462	2222	2254	5600		
5700	186	1.41	34	34	33	8037	3752	3711	2571	1488	2261	2292	5700		
5800	186	1.41	34	34	33	8178	3800	3759	2617	1514	2301	2330	5800		
5000	186	1.41	34	34	33	8319	3848	3807	2662	1539	2340	2368	5000		
6000	186	1.41	34	34	33	8460	3897	3856	2707	1565	2380	2407	6000		
6100	186	1.41	34	34	33	8601	3945	3904	2752	1592	2420	2446	6100		
6300	186	1.41	34	34	33	8742	3993	3952	2797	1618	2458	2483	6300		
6300	186	1.41	34	34	33	8883	4041	3999	2842	1644	2498	2522	6300		
6400	186	1.41	34	34	33	9024	4089	4047	2888	1670	2539	2560	6400		
6500	186	1.41	34	34	33	9165	4138	4094	2933	1696	2578	2598	6500		
6600	186	1.41	34	34	33	9306	4186	4142	2978	1722	2618	2637	6600		
6700	186	1.41	34	34	33	9447	4235	4190	3023	1748	2658	2676	6700		
6800	186	1.41	34	34	33	9588	4283	4237	3068	1774	2698	2713	6800		
6900	186	1.41	34	34	33	9729	4331	4285	3113	1801	2738	2751	6900		
7000	186	1.41	34	34	33	9870	4379	4333	3158	1827	2777	2788	7000		
7100	186	1.41	34	34	33	10011	4428	4380	3204	1853	2817	2826	7100		
7200	186	1.41	34	34	33	10152	4476	4427	3249	1879	2856	2865	7200		
7300	186	1.41	34	34	33	10293	4524	4474	3294	1905	2896	2904	7300		
7400	186	1.41	34	34	33	10434	4572	4522	3339	1931	2936	2941	7400		
7500	186	1.41	34	34	33	10575	4620	4570	3384	1957	2976	2978	7500		
7600	186	1.41	34	34	33	10716	4668	4618	3429	1983	3015	3013	7600		
7700	186	1.41	34	34	33	10857	4716	4666	3474	2009	3054	3053	7700		
7800	186	1.41	34	34	33	10998	4764	4712	3519	2035	3094	3093	7800		

TABLE 2

TRAFFIC PARAMETERS FOR MEDIUM TRAFFIC (BOX) FOR PWD CENTER

LINES	TELEPHONE SWITCHED CCS/L	INTRA CALLS	OUT CALLS	TOTAL CALLS	INTRA CALLS	OUT CALLS	TOTAL CALLS	INTRA CALLS	OUT CALLS	TOTAL CALLS
30	4.18	2.51	44	40	16	42	44	17	27	39
31	4.15	3.54	44	40	16	49	45	18	28	30
32	4.12	3.56	44	40	16	50	46	19	29	31
33	4.11	3.54	44	40	16	51	47	20	30	32
34	4.08	3.52	44	40	16	52	48	20	31	34
35	4.10	3.50	43	40	17	53	49	20	32	35
36	4.07	3.4	43	40	17	54	50	21	31	36
37	4.06	3.48	43	40	17	56	51	21	32	38
38	4.04	3.45	43	40	17	57	53	22	33	39
39	4.02	3.44	43	40	17	58	54	23	33	39
40	4.00	3.42	43	40	17	59	55	23	34	40
41	3.98	3.41	43	40	17	60	56	24	34	41
42	3.96	3.40	43	40	17	61	57	25	35	42
43	3.95	3.38	43	40	17	62	58	25	35	43
44	3.94	3.37	43	40	17	64	60	26	37	44
45	3.94	3.36	43	40	16	65	60	26	37	44
46	3.95	3.35	43	40	16	66	61	27	38	45
47	3.94	3.34	43	40	16	67	62	28	38	46
48	3.93	3.33	43	40	16	68	63	28	39	47
49	3.92	3.32	43	40	16	69	64	29	39	48
50	3.91	3.31	43	40	16	70	65	30	40	49
51	3.91	3.30	43	38	15	71	66	30	41	49
52	3.92	3.29	43	38	15	73	68	31	43	50
53	3.92	3.29	43	38	15	74	69	32	42	51
54	3.90	3.28	43	38	15	75	70	33	43	51
55	3.89	3.27	43	38	15	76	71	33	43	52
56	3.88	3.26	43	38	15	77	72	34	44	53
57	3.88	3.26	43	38	15	78	73	35	45	54
58	3.87	3.25	43	38	15	79	74	35	45	55
59	3.86	3.24	43	38	15	80	75	36	46	55
60	3.86	3.24	43	38	15	82	76	37	47	56
61	3.86	3.23	43	38	15	83	77	37	47	57
62	3.86	3.23	43	38	15	84	78	38	48	58
63	3.83	3.22	43	38	15	85	79	39	49	59
64	3.82	3.21	43	38	15	86	80	39	49	60

TABLE 2

TRAFFIC PARAMETERS FOR MEDIUM TRAFFIC (BOX) FOR AIR CENTER

LINE	TELEPHONE SWITCHED		TOTAL	IN		OUT		IN	OUT	IN	OUT		
	CALLS	CCS		CALLS	CCS	CALLS	CCS					CALLS	CCS
65	382	3.31	43	39	18	208	87	81	40	60	60	45	65
66	381	3.20	43	39	18	211	88	83	41	61	60	41	66
67	381	3.20	43	39	18	214	89	83	42	61	61	43	67
68	380	3.19	43	39	18	217	90	85	43	61	63	48	68
69	383	3.18	41	38	20	220	83	86	43	63	64	48	69
70	383	3.18	41	38	20	223	83	87	44	63	64	48	70
71	382	3.16	41	38	20	226	84	88	44	64	65	50	71
72	382	3.18	41	38	20	230	85	89	46	64	66	51	72
73	380	3.17	41	38	20	233	86	90	46	65	67	53	73
74	380	3.17	41	38	20	234	87	91	47	65	67	53	74
75	378	3.15	41	38	20	237	88	92	47	66	68	54	75
76	378	3.16	41	38	20	240	89	93	48	66	69	54	76
77	378	3.16	41	38	20	243	90	94	49	67	70	55	77
78	378	3.15	41	38	20	246	91	95	49	68	70	55	78
79	378	3.15	41	38	20	248	93	96	50	69	71	56	79
80	378	3.15	41	38	20	252	94	97	51	69	72	56	80
81	377	3.14	41	38	20	255	95	98	52	69	73	57	81
82	377	3.14	41	38	20	257	96	98	52	69	73	57	82
83	377	3.14	41	38	20	260	97	100	53	69	74	57	83
84	376	3.13	41	38	20	263	98	101	54	69	74	57	84
85	376	3.13	41	38	21	266	98	102	55	69	74	57	85
86	376	3.13	41	38	21	269	99	103	55	69	74	57	86
87	376	3.13	41	38	21	272	100	104	56	69	74	57	87
88	376	3.13	41	38	21	275	101	106	57	69	74	57	88
89	376	3.13	41	38	21	277	102	107	57	69	74	57	89
90	376	3.13	41	38	21	280	103	108	58	69	74	57	90
91	376	3.11	41	38	21	283	104	109	59	69	74	57	91
92	376	3.11	41	38	21	286	105	110	60	69	74	57	92
93	376	3.11	41	38	21	289	106	111	60	69	74	57	93
94	376	3.10	41	38	21	292	107	112	61	69	74	57	94
95	375	3.10	41	38	21	295	108	113	62	69	74	57	95
96	375	3.10	41	38	21	298	109	114	63	69	74	57	96
97	375	3.10	41	38	21	301	110	115	63	69	74	57	97
98	375	3.10	41	38	21	304	111	116	64	69	74	57	98
99	374	3.09	41	38	21	306	112	117	65	69	74	57	99

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TABLE 2

TRAFFIC PARAMETERS FOR MEDIUM (AFFICIOUS) FOR AIR CENTER

LIMITS	TELEPHONY CCSL	SWITCHED CCSL	AIR LIMITS	TOTAL CCSL	IN CCSL	OUT CCSL	INTRA CCSL	IN CALLS	OUT CALLS	INTRA CALLS	LIMITS
100	3.74	3.03	41 28	309	125	118	66	71	47	74	100
120	3.72	3.05	40 28	366	147	139	81	83	103	90	120
140	3.73	3.03	39 28	424	168	159	87	95	118	108	140
160	3.73	3.01	39 28	481	188	178	113	107	133	125	160
180	3.71	3.00	38 31	539	210	200	138	118	148	142	180
200	3.70	2.98	39 31	596	230	220	146	130	164	158	200
220	3.71	2.97	38 31	653	251	240	163	141	178	177	220
240	3.72	2.96	38 26	711	271	258	180	152	193	184	240
260	3.72	2.95	38 26	768	292	279	198	163	208	212	260
280	3.72	2.95	38 26	826	312	299	215	174	223	238	280
300	3.70	3.04	38 26	883	332	319	232	185	238	246	300
320	3.73	2.94	37 26	940	351	339	251	195	253	264	320
340	3.72	2.93	37 26	998	371	359	269	205	268	281	340
360	3.72	2.93	37 26	1055	391	378	287	216	283	298	360
380	3.72	2.93	37 26	1112	411	396	306	226	297	316	380
400	3.75	2.93	36 26	1170	430	416	324	236	313	337	400
420	3.74	2.92	35 28	1227	450	435	343	246	327	348	420
440	3.77	2.92	35 29	1285	469	454	362	255	342	367	440
460	3.77	2.92	35 29	1342	488	473	381	265	358	384	460
480	3.77	2.92	35 28	1400	507	492	400	275	371	400	480
500	3.75	2.91	36 28	1457	527	511	419	285	386	417	500
520	3.75	2.91	36 28	1514	546	530	438	295	401	433	520
540	3.75	2.91	36 28	1572	565	549	458	305	415	452	540
560	3.75	2.91	36 28	1629	584	568	477	316	430	470	560
580	3.76	2.91	36 28	1687	603	587	497	326	446	488	580
600	3.78	2.91	35 30	1744	622	606	517	336	460	508	600
620	3.78	2.91	35 30	1801	640	625	536	346	475	526	620
640	3.78	2.90	35 30	1859	659	643	556	356	489	545	640
660	3.78	2.90	35 30	1916	678	662	576	366	504	564	660
680	3.78	2.90	35 30	1974	697	681	596	377	519	583	680
700	3.80	2.90	35 34	2031	715	700	616	386	534	601	700
720	3.80	2.90	35 34	2088	734	719	635	397	549	620	720
740	3.80	2.90	35 34	2146	753	737	656	407	565	640	740
760	3.80	2.90	35 34	2203	771	755	677	417	581	659	760
780	3.80	2.90	35 34	2261	789	774	697	426	607	677	780

TABLE 3

TRAFFIC PARAMETERS FOR MEDIUM TRAFFIC (BOX) AND AIR CENTER

LINE	TELEPHONE CGSL	SWITCHED CGSL	XIN	YOUT	XIMUMS	TOTAL CGS	IN CGS	OUT CGS	ENTRA CGS	IN CALLS	OUT CALLS	ENTRA CALLS	LINE
800	3.80	3.80	24	24	24	2314	808	782	718	437	414	697	800
820	3.80	3.80	24	24	24	2375	827	811	738	446	428	711	820
840	3.80	3.80	24	24	24	2433	846	830	758	457	443	735	840
860	3.80	3.80	24	24	24	2490	865	848	770	466	453	754	860
880	3.80	3.80	24	24	24	2548	884	866	800	476	461	772	880
900	3.81	3.81	24	24	24	2605	903	885	821	486	474	783	900
920	3.81	3.81	24	24	24	2663	922	903	842	496	484	812	920
940	3.81	3.81	24	24	24	2720	941	923	863	506	496	832	940
960	3.81	3.81	24	24	24	2777	960	941	883	516	503	850	960
980	3.81	3.81	24	24	24	2835	979	958	904	526	518	870	980
1000	3.81	3.81	24	24	24	2892	998	976	925	535	526	888	1000
1020	3.81	3.81	24	24	24	2949	1017	996	944	546	538	907	1020
1040	3.81	3.81	24	24	24	3007	1036	1015	963	557	550	927	1040
1060	3.81	3.81	24	24	24	3064	1055	1034	981	567	561	947	1060
1080	3.81	3.81	24	24	24	3122	1074	1053	998	578	574	967	1080
1100	3.81	3.81	24	24	24	3179	1093	1072	1017	589	584	987	1100
1120	3.81	3.81	24	24	24	3236	1112	1091	1036	599	598	1007	1120
1140	3.81	3.81	24	24	24	3294	1131	1110	1054	610	607	1027	1140
1160	3.81	3.81	24	24	24	3351	1150	1129	1072	620	614	1048	1160
1180	3.81	3.81	24	24	24	3409	1169	1148	1091	631	627	1068	1180
1200	3.81	3.81	24	24	24	3466	1188	1167	1109	642	639	1087	1200
1250	3.81	3.81	24	24	24	3610	1232	1210	1153	668	661	1104	1250
1300	3.81	3.81	24	24	24	3753	1276	1254	1197	695	690	1143	1300
1350	3.81	3.81	24	24	24	3897	1320	1300	1241	721	714	1187	1350
1400	3.81	3.81	24	24	24	4040	1364	1343	1285	748	741	1228	1400
1450	3.81	3.81	24	24	24	4184	1408	1387	1329	774	767	1270	1450
1500	3.81	3.81	24	24	24	4327	1452	1426	1373	801	794	1312	1500
1550	3.81	3.81	24	24	24	4471	1496	1470	1417	827	820	1354	1550
1600	3.81	3.81	24	24	24	4614	1540	1514	1461	854	847	1396	1600
1650	3.81	3.81	24	24	24	4758	1584	1558	1505	881	874	1438	1650
1700	3.81	3.81	24	24	24	4901	1628	1602	1549	907	900	1479	1700
1750	3.81	3.81	24	24	24	5045	1672	1646	1593	934	927	1521	1750
1800	3.81	3.81	24	24	24	5189	1716	1690	1637	960	953	1563	1800
1850	3.81	3.81	24	24	24	5332	1760	1734	1681	987	980	1605	1850
1900	3.81	3.81	24	24	24	5476	1804	1778	1725	1014	1007	1647	1900