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社会開発協力部

REPUBLIC OF INDONESIA

REPORT ON JAKARTA CITY TELEPHONE NETWORK PLANNING

NUMBER OF JUNCTION CIRCUITS AS OF

1979, 1983, 1988 AND 1993

March 1976

JAPAN INTERNATIONAL COOPERATION AGENCY

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(1.1) AVERAGE ORIGINATING CALLING RATE (TABLE 1)

NO.	OFFICE NAME	SYS	1979 PEVUMTEL		1979 JTP		1983 JTP		1988 JTP		1993 JTP	
			NUMBER OF SUBSCRIBER	CALLING RATE	NUMBER OF SUBSCRIBER	CALLING RATE	NUMBER OF SUBSCRIBER	CALLING RATE	NUMBER OF SUBSCRIBER	CALLING RATE	NUMBER OF SUBSCRIBER	CALLING RATE
1	KOTA A I	E	9 700	0.084	8 500	0.084	8 500	0.077	8 500	0.066	8 500	0.056
2	〃 II	N					2 600	0.077	6 600	0.066	12 400	0.056
3	KOTA B I	E	9 700	0.084	9 700	0.084	6 500	0.077	9 700	0.066	9 700	0.056
4	〃 II	〃	9 700	0.084	9 700	0.084	6 500	0.077	9 700	0.066	9 700	0.056
5	〃 III	〃	9 700	0.084	6 700	0.084	4 600	0.077	6 700	0.066	6 700	0.056
6	〃 IV	N					1 500	0.077	7 700	0.066	22 000	0.056
7	〃 V	N									9 000	0.056
8	KOTA C I	N					16 200	0.077	18 000	0.066	22 000	0.056
9	〃 II	N					1 800	0.077	8 400	0.066	17 400	0.056
10	〃 III	N										
11	ANCOL I	E	5 820	0.055	4 400	0.055	4 400	0.050	4 400	0.043	4 400	0.036
12	〃 II	N					3 100	0.050	10 100	0.043	23 900	0.036
13	PLUIT I	E	7 760	0 055	5 700	0.055	5 700	0.050	5 700	0.043	5 700	0.036
14	〃 II	N					2 300	0.050	6 500	0.043	13 100	0.036
15	CENGKARENG I	E	5 820	0.045	1 300	0.045	1 300	0.041	1 300	0.035	1 300	0.030
16	〃 II	N					1 250	0.041	4 700	0.035	13 300	0.030
17	TEGAL ALUR I	E	970	0.035	730	0 035	730	0.032	730	0.027	730	0.023
18	〃 II	N					770	0.032	3 070	0.027	8 570	0 023
19	GAMBIR A I	E	9 700	0.084	9 700	0 084	9 700	0.083	9 700	0.081	9 700	0.080
20	〃 II	〃	9 700	0.084	8 000	0.084	8 000	0.083	8 000	0.081	8 000	0.080
21	〃 III	N					4 800	0.083	13 800	0.081	15 000	0.080
22	〃 IV	N									11 000	0.080
23	〃 V	N										
24	GAMBIR B I	E	9 700	0 084	9 700	0 084	9 700	0.083	9 700	0.081	9 700	0.080
25	〃 II		9 700	0.084	9 500	0.084	9 500	0.083	9 500	0.081	9 500	0.080
26	〃 III	E	7 760	0.084								
27	〃 IV	N					6 300	0.083	15 000	0 081	15 000	0.080
28	〃 V	N							1 800	0.081	15 000	0.080
29	〃 VI	N									3 000	0.080
30	SEMANGGI A I	E	9 700	0 050	9 700	0.050	9 700	0.053	9 700	0.056	9 700	0 060
31	〃 II		9 700	0 050	5 250	0.050	5 250	0.053	5 250	0 056	5 250	0.060
32	〃 III	〃	1 940	0.050								
33	〃 IV	N					5 900	0 053	7 500	0.056	21 150	0.060
34	SEMANGGI B I	N							9 700	0.056	14 900	0.060
35	SLIPI I	E	9 700	0 050	9 080	0 050	9 080	0 045	9 080	0.039	9 080	0.033
36	〃 II	N					3 920	0 045	12 220	0.039	26 020	0.033
37	〃 III	N										
38	PALMERAH I	E	9 700	0.045	3 670	0.045	3 670	0 041	3 670	0 035	3 670	0 030
39	〃 II	N					1 630	0.041	8 030	0 035	22 330	0.030
40	KEDOYA	N			—	0.040	1 080	0 036	3 200	0 031	10 100	0.027
41	MERUYA	N			—	0.040	1 600	0.036	4 300	0.031	11 800	0.027
42	CEMPAKAPUTIH I	E	9 700	0.055	9 700	0 055	9 700	0.050	9 700	0.043	9 700	0 036
43	〃 II		4 850	0 055	1 000	0.055	1 000	0 050	1 000	0.043	1 000	0 036
44	CEMPAKAPUTIH III	N					4 500	0.050	13 000	0.043	29 500	0.036
45	〃 IV	N										
46	RAWAMANGUN I	E	3 880	0.045	4 520	0.045	4 520	0.044	4 520	0.042	4 520	0.040
47	〃 II	N					1 980	0.044	7 480	0.042	17 380	0.040
48	PULOGADUNG I	E	3 880	0.045	470	0.045	470	0.041	470	0.035	470	0.030
49	〃 II	N					530	0.041	2 130	0.035	6 430	0.030
50	PENGGILINGAN	N			—	0.045	1 150	0.047	3 100	0.050	8 300	0.052
51	TG.PRIOK A I	E	5 820	0.064	8 300	0.064	7 900	0.061	8 300	0.056	8 300	0.052
52	〃 II	N							7 700	0.056	24 200	0.052
53	TG.PRIOK B I	N					6 500	0.061	13 500	0.056	22 000	0.052
54	〃 II	N									7 000	0.052
55	CILINCING I	E	970	0.055	870	0.055	870	0.050	870	0.042	870	0.036
56	〃	N					930	0.050	3 730	0.042	10 830	0.036
57	KEBAYORAN A I	E	9 700	0.050	9 700	0.050	7 700	0.045	9 700	0.039	9 700	0.033
58	〃 II	〃	9 700	0.050	6 400	0.050	5 000	0.045	6 400	0.039	6 400	0.033
59	〃 III	N					2 700	0.045	4 100	0.039	9 900	0.033
60	KEBAYORAN B II	N					5 200	0.045	9 300	0.039	15 600	0.033
61	CIPETE I	E	6 790	0.045	2 400	0.045	2 400	0.041	2 400	0.035	2 400	0.030
62	〃 II	N					1 700	0.041	5 600	0.035	13 300	0.030
63	KALIBATA I	E	4 850	0.045	4 550	0.045	4 550	0.041	4 550	0.035	4 550	0.030
64	〃 II	N					2 950	0.041	10 150	0.035	24 650	0.030
65	PASAR MINGGU I	E	5 820	0.040	1 600	0.040	1 600	0.036	1 600	0.031	1 600	0.027
66	〃 II	N					1 150	0.036	4 000	0.031	9 800	0.027
67	JAGAKARSA I	E	970	0.035	550	0.035	550	0.032	550	0.027	550	0.023
68	〃 II	N					500	0.032	1 900	0.027	5 250	0.023
69	JATINEGARA A I	E	3 880	0.055	3 500	0.055	3 500	0.050	3 500	0.043	3 500	0.036
70	〃 II	N					2 400	0.050	6 600	0.043	14 200	0.036
71	JATINEGARA B I	E	9 700	0 055	6 100	0.055	6 100	0.050	6 100	0.043	6 100	0.036
72	〃 II	〃	5 820	0.055								
73	〃 III	N					2 700	0.050	7 200	0.043	13 900	0.036
74	CAWANG I	E	6 790	0.05	2 300	0.05	2 300	0.048	2 300	0.044	2 300	0.041
75	〃 II	N					1 900	0.048	7 700	0.044	22 300	0.041
76	PASAR REBO I	E	3 880	0 045	910	0.045	910	0.041	910	0.035	910	0.030
77	〃 II	N					790	0.041	3 890	0.035	14 490	0.030
78	KLENDER I	E	3 880	0.040	700	0.040	700	0.036	700	0.031	700	0.027
79	〃 II	N					1 100	0.036	5 300	0.031	19 600	0.027
80	TEBET I	E	9 700	0.050	4 950	0.050	4 950	0.045	4 950	0.039	4 950	0.033
81	〃 II	〃	2 910	0.050								
82	〃 III	N					2 950	0.045	9 750	0.039	22 750	0.033
83	GANDARIA I	E	1 940	0 050	740	0.050	740	0.045	740	0.039	740	0.033
84	〃 II	N					810	0.045	3 110	0.039	9 060	0.033
	GRAND TOTAL		261.900	0.061	180 590	0.0642	265 480	0.0594	450 450	0.0521	808 000	0.0452

(1.2) CROW FLIGHT DISTANCE BETWEEN EXCHANGE OFFICES (TABLE 2)

NO.	OFFICE BUILDING	1 KOTA A	2 KOTA B	3 KOTA C	4 ANCOL	5 PLUIT	6 CENGKARENG	7 TEGALUR	8 GAMBIR A	9 GAMBIR B	10 SEMANGGI A	11 SEMANGGI B	12 SLIPI	13 PALMERAH	14 KEDOYA	15 MERUYA	16 CEMPUTIH	17 RAWAMANGUN	18 PULOGADUNG	19 PENGGILIL	20 TG PRIOK A	21 TG PRIOK B	22 CILINCING	23 KEBAYOR A	24 KEBAYOR B	25 CIPETE	26 KALIBATA	27 PASMINGGU	28 JAGAKARSA	29 JATINEGA A	30 JATINEGA B	31 CAWANG	32 PASREBO	33 KLENDER	34 TEBET	35 GANDARIA
1	KOTA A		1.8	3.1	4.0	2.5	7.5	12.5	5.4	6.6	9.0	8.4	4.5	8.0	7.0	11.0	6.5	10.5	10.3	14.5	8.7	10.9	13.5	11.3	12.4	17.0	13.8	18.0	22.5	9.5	11.5	15.4	20.0	15.5	11.2	23.5
2	KOTA B			1.7	3.5	4.2	9.0	14.0	3.7	5.0	7.7	7.2	4.2	7.5	7.5	11.2	4.7	8.7	9.0	12.8	8.2	10.4	13.0	10.0	11.5	16.0	12.0	16.5	21.0	7.5	9.5	13.6	18.3	14.0	9.5	21.9
3	KOTA C				2.6	5.6	10.4	15.5	3.9	4.9	8.0	7.8	5.6	8.6	9.2	12.6	3.6	7.5	7.6	11.3	7.0	8.9	11.6	10.7	12.2	16.3	12.0	16.5	21.1	7.0	9.1	12.9	17.9	13.1	9.0	21.7
4	ANCOL					6.2	11.5	16.4	6.0	7.5	10.2	10.1	7.6	10.7	11.0	14.6	4.9	8.7	6.7	11.7	4.7	7.0	9.6	13.0	14.6	18.6	14.0	18.6	23.2	8.6	10.4	15.0	19.5	13.5	11.0	23.5
5	PLUIT						5.0	10.1	7.3	8.5	10.7	10.0	5.4	8.8	6.5	10.8	9.0	13.0	12.6	17.0	10.5	12.9	15.5	12.5	13.1	18.0	15.3	19.7	23.7	11.7	14.0	17.4	22.0	18.1	13.2	25.5
6	CENGKARENG							5.2	11.0	11.8	13.0	12.1	7.6	9.7	5.5	9.0	13.5	17.3	17.6	21.6	15.5	17.8	20.8	13.8	13.3	18.7	17.7	21.4	24.8	15.5	17.6	20.2	24.7	22.3	16.3	27.5
7	TEGAL ALUR								16.0	16.6	17.7	16.5	12.5	13.9	9.5	11.6	18.5	22.5	22.0	26.8	20.5	22.8	25.7	17.8	16.6	22.0	22.2	25.6	28.4	20.6	22.7	25.0	29.0	27.5	21.2	31.8
8	GAMBIR A									1.2	4.0	3.9	3.7	5.4	7.6	10.0	3.4	6.6	8.6	11.1	10.0	11.9	11.1	6.9	8.7	12.5	8.3	13.0	17.3	4.5	6.7	10.0	14.7	11.4	6.0	18.3
9	GAMBIR B										3.0	3.0	4.1	5.1	8.0	9.8	4.1	6.6	9.4	10.9	11.2	12.8	14.8	5.9	7.9	11.5	7.3	11.8	16.2	4.0	6.2	9.1	13.8	11.4	5.0	17.2
10	SEMANGGI A											1.3	5.5	4.2	8.3	8.9	6.4	7.7	11.2	11.9	13.8	15.5	17.1	3.1	5.4	8.5	4.7	9.0	13.3	4.6	6.0	7.4	11.7	11.0	3.8	14.9
11	SEMANGGI B												4.4	3.0	7.2	7.7	6.9	8.8	12.1	12.9	14.1	15.4	17.7	3.0	4.9	8.8	6.0	10.1	14.1	5.6	7.3	8.7	12.9	12.7	5.1	16.1
12	SLIPI													3.5	4.0	7.1	6.9	6.6	12.0	14.8	12.2	14.3	16.7	7.0	7.5	12.6	10.3	14.4	18.3	8.0	10.2	12.8	17.2	11.4	8.7	20.3
13	PALMERAH														4.5	5.2	8.7	11.3	14.0	15.7	15.2	17.1	19.3	4.1	4.2	9.4	8.3	11.6	15.3	8.4	10.0	11.5	15.3	13.1	8.0	18.0
14	KEDOYA															4.2	10.7	14.3	16.0	18.8	15.5	18.0	20.4	8.5	7.9	13.2	12.7	16.0	19.4	11.8	13.8	15.7	19.8	18.8	12.0	22.5
15	MERUYA																13.5	16.2	19.0	20.7	19.2	21.4	23.9	7.3	5.6	10.7	12.2	14.5	17.0	13.3	15.0	15.5	18.8	20.0	12.5	20.9
16	CEMPAKA PUTIH																	4.0	5.2	8.3	7.5	9.0	11.0	9.5	11.6	14.6	9.2	14.0	18.6	3.8	5.5	10.0	14.6	9.3	6.2	18.5
17	RAWAMANGUN																		4.5	4.5	9.1	9.6	10.5	10.7	13.2	14.7	8.5	12.7	17.4	3.3	3.0	7.7	12.0	5.3	5.4	16.1
18	PULOGADUNG																			5.5	5.3	5.5	6.1	14.4	16.1	20.0	12.8	17.2	31.8	7.3	7.5	12.2	16.2	8.2	9.7	20.5
19	PENGGILINGAN																				10.7	10.2	9.7	14.6	16.9	17.8	11.4	14.7	19.0	7.4	6.0	9.3	12.4	3.1	8.7	16.5
20	TG PRIOK A																					2.3	5.1	16.8	19.2	22.3	16.7	21.2	26.0	11.0	12.0	16.7	21.2	13.4	13.5	25.3
21	TG PRIOK B																						3.1	18.3	20.6	23.5	17.8	22.3	27.1	12.1	12.6	17.2	21.5	13.4	14.4	25.8
22	CILINCING																							20.2	22.5	25.0	19.0	23.2	27.8	13.3	13.5	18.0	21.8	13.0	15.6	26.0
23	KEBAYORAN A																								2.5	5.8	4.9	7.8	11.3	7.4	8.5	8.2	11.6	13.3	5.8	14.0
24	KEBAYORAN B																									5.4	6.8	9.0	11.7	9.8	11.0	10.4	13.4	16.0	8.3	15.3
25	CIPETE																										6.5	5.0	6.3	11.4	12.0	9.2	10.2	15.2	9.5	10.8
26	KALIBATA																											4.6	9.7	5.8	5.5	3.3	7.0	9.4	3.3	10.0
27	PASAR MINGGU																												4.6	10.5	9.6	3.4	5.1	12.0	7.8	6.3
28	JAGAKARSA																													15.2	14.3	10.0	7.8	16.2	12.5	6.0
29	JATINEGARA A																														2.2	6.2	10.9	7.0	2.6	14.9
30	JATINEGARA B																															4.5	9.0	5.0	2.6	13.2
31	CAWANG																																4.7	6.7	4.2	8.7
32	PASAR REBO																																	9.3	8.8	4.2
33	KLENDER																																		7.5	16.5
34	TEBET																																			12.6
35	GANDARIA																																			

(UNIT Km)

(1.3) TANDEM ROUTING FOR PLAN NO.1 (TABLE 3)

(END SYSTEM FIVE TERMINATING TANDEM
NEW SYSTEM FIVE TERMINATING TANDEM)

| | | SYS | 1 KOTA A (I) | 2 (II) | 3 KOTA B (I) | 4 (II) | 5 (III) | 6 (IV) | 7 (V) | 8 KOTA C (I) | 9 (II) | 10 (III) | 11 ANCOL (I) | 12 (II) | 13 PLUIT (I) | 14 (II) | 15 CENGKARENG (I) | 16 (II) | 17 TEGALALUR (I) | 18 (II) | 19 GAMBIR A (I) | 20 (II) | 21 (III) | 22 (IV) | 23 (V) | 24 GAMBIR B (I) | 25 (II) | 26 (III) | 27 (IV) | 28 (V) | 29 (VI) | 30 SEMANGGI (I) | 31 (II) | 32 (III) | 33 (IV) | 34 (V) | 35 SLIPI (I) | 36 (II) | 37 (III) | 38 PALMERAH (I) | 39 (II) | 40 KEDOYA (I) | 41 MERUYA (I) | 42 CEMPAKA PUTIH (I) | 43 (II) | 44 (III) | 45 (IV) | 46 RAWAMANGUN (I) | 47 (II) | 48 PULO GADUNG (I) | 49 (II) | 50 PENGGILINGAN (I) | 51 TIGA RAKSA (I) | 52 (II) | 53 TOK (I) | 54 (II) | 55 CILINCING (I) | 56 (II) | 57 KEBAYORAN (I) | 58 (II) | 59 (III) | 60 KEBAYORAN (II) | 61 (III) | 62 CIPETE (I) | 63 KALIJATI (I) | 64 (II) | 65 PASAR PINANG (I) | 66 (II) | 67 JAGAKARSA (I) | 68 (II) | 69 JATINEGARA (I) | 70 (II) | 71 CAWANG (I) | 72 (II) | 73 (III) | 74 CAWANG (II) | 75 (III) | 76 PRIOK (I) | 77 (II) | 78 KDEDEN (I) | 79 (II) | 80 TEBET (I) | 81 (II) | 82 (III) | 83 GRANDAGA (I) | 84 (II) | 85 T1 (I) | 86 T2 (I) | 87 T3 (I) | 88 T4 (I) | 89 T5 (I) | 90 T1 (I) | 91 T2 (I) | 92 T3 (I) | 93 T4 (I) | 94 T5 (I) | 95 SLDD | 96 IDX | 97 | 98 | 99 | 100 |
|---|---|---

(1.4) TANDEM ROUTING FOR PLAN NO. 2 (TABLE 4) (END SYSTEM FIVE TERMINATING TANDEM, NEW SYSTEM ONE TANDEM)

| | | SYS | 1 KOTA A (I) | 2 " (II) | 3 KOTA B (I) | 4 " (III) | 5 " (IV) | 6 " (V) | 7 " | 8 KAAC (I) | 9 " (II) | 10 " (III) | 11 ANCOL (I) | 12 " (II) | 13 PLUIT (I) | 14 " (II) | 15 CENGKARENG (I) | 16 " (II) | 17 TEGAL ALUR (I) | 18 " (II) | 19 GAMBIR A (I) | 20 " (II) | 21 " (III) | 22 " (IV) | 23 " (V) | 24 GAMBIR B (I) | 25 " (II) | 26 " (III) | 27 " (IV) | 28 " (V) | 29 " (VI) | 30 SEMANGGI A (I) | 31 " (II) | 32 " (III) | 33 " (IV) | 34 SEMANGGI B (I) | 35 SLIPI (I) | 36 " (II) | 37 " (III) | 38 PALMERAH (I) | 39 " (II) | 40 KEDOYA (I) | 41 MERUYA (I) | 42 CEMPAKA PUTIH (I) | 43 " (II) | 44 " (III) | 45 " (IV) | 46 RAWAMANGUN (I) | 47 " (II) | 48 PULOGADUNG A (I) | 49 " (II) | 50 PENGGILINGAN (I) | 51 " (II) | 52 TIGA RAKSA (I) | 53 " (II) | 54 PRIOK (I) | 55 " (II) | 56 CILINCING (I) | 57 KERAMAT JATI (I) | 58 " (II) | 59 " (III) | 60 KRAMAT AJI (I) | 61 CIPETE (I) | 62 KALIBATA (I) | 63 " (II) | 64 " (III) | 65 MAGGARSARI (I) | 66 " (II) | 67 JAGAKARSA (I) | 68 " (II) | 69 JATINEGARA (I) | 70 " (II) | 71 JATINEGARA B (I) | 72 " (II) | 73 " (III) | 74 CAWANG (I) | 75 " (II) | 76 PASAR SENEN (I) | 77 " (II) | 78 KDL ERNI (I) | 79 " (II) | 80 TEST (I) | 81 " (II) | 82 " (III) | 83 GRAIDA (I) | 84 " (II) | 85 T1 I | 86 T2 I | 87 T3 I | 88 T4 I | 89 T5 I | 90 T1 2 | 91 T2 2 | 92 T3 2 | 93 T4 2 | 94 T5 2 | 95 SLDD | 96 IOX | 97 | 98 | 99 | 100 |
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(1.5) TANDEM ROUTING FOR PLAN NO.3 (TABLE 5)

(END SYSTEM FIVE TERMINATING TANDEM / NEW SYSTEM FIVE ORIGINATING TANDEM)

		SYS	1 KOTA A (I)	2 KOTA B (I)	3 KOTA B (II)	4 KOTA B (III)	5 KOTA B (IV)	6 KOTA B (V)	7 KOTA C (I)	8 KOTA C (II)	9 KOTA C (III)	10 KOTA C (IV)	11 ANCOL (I)	12 ANCOL (II)	13 PUIT (I)	14 PUIT (II)	15 CENGKARENG (I)	16 CENGKARENG (II)	17 TEGAL ALUR (I)	18 TEGAL ALUR (II)
1	KOTA A I	E																		
2	" II	N																		
3	KOTA B I	E																		
4	" II																			
5	" III																			
6	" IV	N																		
7	" V																			
8	KOTA C I	N																		
9	" II									DIRECT										
10	" III																			
11	ANCOL I	E																		
12	" II	N																		
13	PLUIT I	E																		
14	" II	N																		
15	CENGKARENG I	E																		
16	" II	N																		
17	TEGAL ALUR I	E																		
18	" II	N																		
19	GAMBIR A I	E							T1-											
20	" II								T1-											
21	" III	N							OT2-											
22	" IV								OT2-											
23	" V								OT2-											
24	GAMBIR B I	E							T1-											
25	" II								T1-											
26	" III								T1-											
27	" IV	N							OT2-											
28	" V								OT2-											
29	" VI								OT2-											
30	SEMANGGI A I	E							T1-											
31	" II								T1-											
32	" III								T1-											
33	" IV	N							OT2-											
34	SEMANGGI B I	N							OT2-											
35	SLIPI I	E							T1-											
36	" II	N							OT2-											
37	" III								OT2-											
38	PALMERAH I	E							T1-											
39	" II	N							OT2-											
40	KEDOYA								OT2-											
41	MERUYA								OT2-											
42	CEMPAKA PUTIH I	E							T1-											
43	" II								T1-											
44	" III	N							OT3-											
45	" IV								OT3-											
46	RAWAMANGUN I	E							T1-											
47	" II	N							OT3-											
48	PULOGADUNG I	E							T1-											
49	" II	N							OT3-											
50	PENGGILINGAN I								OT3-											
51	TG PRIOK A I	E							T1-											
52	" II	N							OT3-											
53	TG PRIOK B I								OT3-											
54	" II								OT3-											
55	CLINCING I	E							T1-											
56	" II	N							OT3-											
57	KEBAYORAN A I	E							T1-											
58	" II								T1-											
59	" III	N							OT4-											
60	KEBAYORAN B I								OT4-											
61	CIPETE I	E							T1-											
62	" II	N							OT4-											
63	KALIBATA I	E							T1-											
64	" II	N							OT4-											
65	PS. MINGGU I	E							T1-											
66	" II	N							OT4-											
67	JAGAKARSA I	E							T1-											
68	" II	N							OT4-											
69	JATINEGARA I	E							T1-											
70	" II	N							OT5-											
71	JATINEGARA I	E							T1-											
72	" II								T1-											
73	" III	N							OT5-											
74	CAWANG I	E							T1-											
75	" II	N							OT5-											
76	PASAR REBO I	E							T1-											
77	" II	N							OT5-											
78	KLENDER I	E							T1-											
79	" II	N							OT5-											
80	TEBET I	E							T1-											
81	" II								T1-											
82	" III	N							OT5-											
83	GANDARIA I	E							T1-											
84	" II	N							OT5-											
85	T1 - 1	E																		
86	T2 - 1	E																		
87	T3 - 1	E																		
88	T4 - 1	E																		
89	T5 - 1	E																		
90																				
91																				
92																				
93																				
94																				
95	SLDD								DIRECT											
96	IOX								DIRECT											
97																				
98	OT1 - 2	N																		
99	OT2 - 2	N																		
100	OT3 - 2	N																		
101	OT4 - 2	N																		
102	OT5 - 2	N																		

		SYS	19 GAMBIR (I)	20 GAMBIR (II)	21 GAMBIR (III)	22 GAMBIR (IV)	23 GAMBIR (V)	24 GAMBIR (VI)	25 GAMBIR (VII)	26 GAMBIR (VIII)	27 GAMBIR (IX)	28 GAMBIR (X)	29 SEMANGGI A (I)	30 SEMANGGI A (II)	31 SEMANGGI A (III)	32 SEMANGGI A (IV)	33 SEMANGGI A (V)	34 SEMANGGI B (I)	35 SLIPI (I)	36 SLIPI (II)	37 SLIPI (III)	38 PALMERAH (I)	39 PALMERAH (II)	40 KEDOYA (I)	41 MERUYA (I)
1	KOTA A I	E											T2-												
2	" II	N											OT1-2												
3	KOTA B I	E											T2-												
4	" II												T2-												
5	" III												T2-												
6	" IV	N											OT1-2												
7	" V												OT1-2												
8	KOTA C I	N											OT1-2												
9	" II												OT1-2												
10	" III												OT1-2												
11	ANCOL I	E											T2-												
12	" II	N											OT1-2												
13	PLUIT I	E											T2-												
14	" II	N											OT1-2												
15	CENGKARENG I	E											T2-												
16	" II	N											OT1-2												
17	TEGAL ALUR I	E											T2-												
18	" II	N											OT1-2												
19	GAMBIR A I	E																							
20	" II																								
21	" III	N																							
22	" IV																								
23	" V																								
24	GAMBIR B I	E																							
25	" II																								
26	" III																								
27	" IV	N																							
28	" V																								
29	" VI												DIRECT												
30	SEMANGGI A I	E																							
31	" II																								
32	" III																								
33	" IV	N																							
34	SEMANGGI B I	N																							
35	SLIPI I	E																							
36	" II	N																							
37	" III																								
38	PALMERAH I	E																							
39	" II	N																							
40	KEDOYA																								
41	MERUYA																								
42	CEMPAKA PUTIH I	E											T2-												
43	" II												T2-												
44	" III	N											OT3-2												
45	" IV												OT3-2												
46	RAWAMANGUN I	E											T2-												
47	" II	N											OT3-2												
48	PULOGADUNG I	E											T2-												
49	" II	N											OT3-2												
50	PENGGILINGAN I												OT3-2												
51	TG PRIOK A I	E											T2-												
52	" II	N											OT3-2												
53	TG PRIOK B I												OT3-2												
54	" II												OT3-2												
55	CLINCING I	E											T2-												
56	" II	N											OT3-2												
57	KEBAYORAN A I	E											T2-												
58	" II												T2-												
59	" III	N											OT4-2												
60	KEBAYORAN B I												OT4-2												
61	CIPETE I	E											T-												
62	" II	N											OT4-2												
63	KALIBATA I	E											T2-												
64	" II	N											OT4-2												
65	PS. MINGGU I	E											T2-												
66	" II	N											OT4-2												
67	JAGAKARSA I	E											T2-												
68	" II	N											OT4-2												
69	JATINEGARA I	E											T2-												
70	" II	N											OT5-2												
71	JATINEGARA I	E											T2-												
72	" II												T2-												
73	" III	N											OT5-2												
74	CAWANG I	E											T2-												
75	" II	N											OT5-2												
76	PASAR REBO I	E											T2-												
77	" II	N											OT5-2												
78	KLENDER I	E											T2-												
79	" II	N											OT5-2												
80	TEBET I	E											T2-												
81	" II												T2-												
82	" III	N											OT5-2												
83	GANDARIA I	E											T2-												
84	" II	N											OT5-2												
85	T1 - 1	E																							
86	T2 - 1	E																							
87	T3 - 1	E																							
88	T4 - 1	E																							
89	T5 - 1	E																							
90																									
91																									
92																									
93																									
94																									
95	SLDD												DIRECT												
96	IOX												DIRECT												
97																									
98	OT1 - 2	N																							
99	OT2 - 2	N																							
100	OT3 - 2	N																							
101	OT4 - 2	N																							
102	OT5 - 2	N																							

		SYS	42 CEMPAKA PUTIH (I)	43 CEMPAKA PUTIH (II)	44 CEMPAKA PUTIH (III)	45 CEMPAKA PUTIH (IV)	46 RAWAMANGUN (I)	47 RAWAMANGUN (II)	48 PULOGADUNG (I)	49 PULOGADUNG (II)	50 PENGGILINGAN (I)	51 TG PRIOK A (I)	52 TG PRIOK A (II)	53 TG PRIOK B (I)	54 TG PRIOK B (II)	55 CLINCING (I)	56 CLINCING (II)	57 KEBAYORAN A (I)	58 KEBAYORAN A (II)	59 KEBAYORAN A (III)	60 KEBAYORAN B (I)	61 KEBAYORAN B (II)	62 CIPETE (I)	63 KALIBATA (I)	64 KALIBATA (II)	65 PS. MINGGU (I)	66 PS. MINGGU (II)	67 JAGAKARSA (I)	68 JAGAKARSA (II)	69 JATINEGARA (I)	70 JATINEGARA (II)	71 JATINEGARA (III)	72 JATINEGARA (IV)	73 JATINEGARA (V)	74 CAWANG (I)	75 CAWANG (II)	76 PASAR REBO (I)	77 PASAR REBO (II)	78 KLENDER (I)	79 KLENDER (II)	80 TEBET (I)	81 TEBET (II)	82 TEBET (III)	83 GANDARIA (I)	84 GANDARIA (II)	85 T1 - 1	86 T2 - 1	87 T3 - 1	88 T4 - 1	89 T5 - 1	90 T1 - 2	91 T2 - 2	92 T3 - 2	93 T4 - 2	94 T5 - 2	95 SLDD	96 IOX	97	98	99	100
1	KOTA A I	E					T3-																T4-																																											
2	" II	N					OT1-2																OT1-2																																											
3	KOTA B I	E					T3-																T4-																																											
4	" II						T3-																T4-																																											
5	" III						T3-																T4-																																											
6	" IV	N					OT1-2																OT1-2																																											
7	" V						OT1-2																OT1-2																																											
8	KOTA C I	N					OT1-2																OT1-2																																											
9	" II						OT1-2																OT1-2																																											
10	" III						OT1-2																OT1-2																																											
11	ANCOL I	E					T3-																T4-																																											
12	" II	N					OT1-2																OT1-2																																											
13	PLUIT I	E					T3-																T4-																																											
14	" II	N					OT1-2																OT1-2																																											
15	CENGKARENG I	E					T3-																T4-																																											
16	" II	N					OT1-2																OT1-2																																											
17	TEGAL ALUR I	E					T3-																T4-																																											
18	" II	N					OT1-2																OT1-2																																											
19	GAMBIR A I	E					T3-																T4-																																											
20	" II						T3-																T4-																																											
21	" III	N					OT2-2																OT2-2																																											
22	" IV						OT2-2																OT2-2																																											
23	" V						OT2-2																OT2-2																																											
24	GAMBIR B I	E					T3-																T4-																																											
25	" II						T3-																T4-																																											
26	" III						T3-																T4-																																											
27	" IV	N					OT2-2																OT2-2																																											
28	" V						OT2-2																OT2-2																																											
29	" VI						OT2-2																OT2-2																																											
30	SEMANGGI A I	E					T3-																T4-																																											
31	" II						T3-																T4-																																											
32	" III						T3-																T4-																																											
33	" IV	N					OT2-2																OT2-2																																											
34	SEMANGGI B I	N					OT2-2																OT2-2																																											
35	SLIPI I	E					T3-																T4-																																											
36	" II	N					OT2-2																OT2-2																																											
37	" III						OT2-2																OT2-2																																											
38	PALMERAH I	E					T3-																T4-																																											
39	" II	N					OT2-2																OT2-2																																											
40	KEDOYA						OT2-2																OT2-2																																											
41	MERUYA						OT2-2																OT2-2																																											
42	CEMPAKA PUTIH I	E																																																													
43	" II																																																														
44	" III	N																																																													
45	" IV																																																														
46	RAWAMANGUN I	E																																																													
47	" II	N																																																													
48	PULOGADUNG I	E																																																													
49	" II	N																																																													
50	PENGGILINGAN I																																																														
51	TG PRIOK A I	E																																																													
52	" II	N																																																													
53	TG PRIOK B I																																																														
54	" II																																																														
55	CLINCING I	E																																																													
56	" II	N																																																													
57	KEBAYORAN A I	E					T3-																																																									
58	" II						T3-																																																									
59	" III	N					OT4-2																																																								
60	KEBAYORAN B I						OT4-2																																																								
61	CIPETE I	E					T3-																																																								
62	" II	N					OT4-2																DIRECT																																										
63	KALIBATA I	E					T3-																																																								
64	" II	N					OT4-2																																																								
65	PS. MINGGU I	E					T3-																																																								
66	" II	N					OT4-2																																																								
67	JAGAKARSA I	E					T3-																																																								
68	" II	N					OT4-2																																																								
69	JATINEGARA I	E					T3-																T4-																																											
70	" II	N					OT5-2																OT5-2																																											
71	JATINEGARA I	E					T3-																T4-																																											
72	" II						T3-																T4-																																											
73	" III	N					OT5-2																OT5-2																																											
74	CAWANG I	E					T3-																T4-																																											
75	" II	N					OT5-2																OT5-2																																											
76	PASAR REBO I	E					T3-																T4-																																											
77	" II	N					OT5-2																OT5-2																																											
78	KLENDER I	E					T3-																T4-																																											
79	" II	N					OT5-2																OT5-2																																											
80	TEBET I	E					T3-																T4-																																											
81	" II						T3-																T4-																																											
82	" III	N					OT5-2																OT5-2																																											
83	GANDARIA I	E					T3-																T4-																																											
84	" II	N					OT5-2																OT5-2						

E : EMD
N : NEW SYSTEM

T : Terminating Tandem System
OT : Originating Tandem System
MSI : One Tandem System

(1.6) CIRCUIT COST (TABLE 6-1)

NO.	Exchange Name		SYS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
				Kota A (I)	" (II)	Kota B (I)	" (II)	" (III)	" (IV)	" (V)	Kota C (I)	" (II)	" (III)	Ancol (I)	" (II)	Pluit (I)	" (II)	Cengkareng (I)	" (II)	Tegal Alur (I)	" (II)	Gambir A (I)	" (II)	" (III)	" (IV)	" (V)
1	Kota A	I	E	—	—	1.33	1.33	1.33	1.33	1.33	2.59	2.59	2.59	4.44	4.44	2.96	2.96	18.10	18.10	25.40	25.40	—	—	—	—	—
2	"	II	N	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	4.29	4.29	4.29	4.29	4.29
3	Kota B	I	E	1.33	1.33	—	—	—	—	—	1.25	1.25	1.25	11.39	11.39	4.29	4.29	20.73	20.73	49.92	49.92	—	—	—	—	—
4	"	II	E	"	"	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	—	—	—	—	—
5	"	III	E	"	"	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	—	—	—	—	—
6	"	IV	N	"	"	—	—	—	—	—	"	"	"	11.39	5.77	4.29	4.29	20.73	20.73	49.92	28.03	2.96	2.96	2.96	2.96	2.96
7	"	V	"	"	"	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
8	Kota C	I	-	2.59	2.59	1.25	1.25	1.25	1.25	1.25	—	—	—	12.65	7.03	5.55	5.55	23.21	23.21	51.18	30.51	4.21	4.21	4.21	4.21	4.21
9	"	II	"	"	"	—	—	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"
10	"	III	"	"	"	—	—	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"
11	Ancol	I	E	4.44	4.44	11.39	11.39	11.39	11.39	11.39	12.65	12.65	12.65	—	—	14.60	14.60	47.84	47.84	60.84	60.84	—	—	—	—	—
12	"	II	N	"	"	"	"	"	5.77	5.77	7.03	7.03	7.03	—	—	"	"	"	26.86	"	"	17.23	17.23	17.23	17.23	17.23
13	Pluit	I	E	2.96	2.96	4.29	4.29	4.29	4.29	4.29	5.55	5.55	5.55	14.60	14.60	—	—	23.94	23.94	55.64	55.64	—	—	—	—	—
14	"	II	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	31.24	11.43	11.43	11.43	11.43	11.43
15	Ceng Kareng	I	E	18.10	18.10	20.73	20.73	20.73	20.73	20.73	23.21	23.21	23.21	47.84	47.84	23.94	23.94	—	—	3.70	3.70	—	—	—	—	—
16	"	II	N	"	"	"	"	"	"	"	"	"	"	"	26.86	"	"	—	—	"	"	46.70	46.70	26.57	26.57	26.57
17	Tegal Alur	I	E	25.40	25.40	49.92	49.92	49.92	49.92	49.92	51.18	51.18	51.18	60.84	60.84	55.64	55.64	3.70	3.70	—	—	—	—	—	—	—
18	"	II	N	"	"	"	"	"	28.03	28.03	30.51	30.51	30.51	—	"	"	31.24	"	"	—	—	60.32	60.32	60.32	60.32	60.32
19	Gambir A	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	"	II	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	"	III	N	4.29	4.29	2.96	2.96	2.96	2.96	2.96	4.21	4.21	4.21	17.23	17.23	11.43	11.43	46.70	26.57	60.32	60.32	—	—	—	—	—
22	"	IV	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	—	—	—	—	—
23	"	V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	—	—	—	—	—
24	Gambir B	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.18	1.18	1.18	1.18	1.18
25	"	II	"	—	—	—	—	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"
26	"	III	"	—	—	—	—	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"
27	"	IV	N	5.47	5.47	4.14	4.14	4.14	4.14	4.14	5.40	5.40	5.40	18.41	18.41	15.49	15.49	48.50	28.91	61.50	61.51	"	"	"	"	"
28	"	V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
29	"	VI	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
30	Semanggi A	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.70	3.70	3.70	3.70	3.70
31	"	II	"	—	—	—	—	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"
32	"	III	"	—	—	—	—	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"
33	"	IV	N	14.47	11.59	10.26	10.26	10.26	6.66	6.66	11.52	11.52	11.52	24.53	24.53	21.61	21.61	54.62	54.62	73.32	67.62	"	"	"	"	"
34	Semanggi B	I	-	17.39	14.51	13.18	13.18	13.18	13.18	13.18	14.44	14.44	14.44	36.34	27.45	24.53	24.53	57.54	57.54	78.52	70.54	5.18	5.18	5.18	5.18	5.18
35	Slipi	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.18	5.18	5.18	5.18	5.18
36	"	II	N	11.39	5.77	4.44	4.44	4.44	4.44	4.44	5.69	5.69	5.69	20.15	20.15	17.23	12.91	52.52	29.49	65.52	65.52	"	"	"	"	"
37	"	III	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
38	Palmerah	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.18	5.18	5.18	5.18	5.18
39	"	II	N	17.39	14.51	13.18	13.18	13.18	13.18	13.18	14.44	14.44	14.44	36.34	27.45	24.53	24.53	57.54	57.54	78.52	70.54	"	"	"	"	"
40	Kedoya	-	E	18.12	18.12	16.79	16.79	16.79	16.79	16.79	18.05	18.05	18.05	37.0	28.18	25.26	25.26	66.82	66.82	79.82	79.82	18.25	18.25	18.25	18.25	18.25
41	Meruya	-	N	48.13	28.91	46.80	46.80	46.80	26.28	26.28	28.76	28.76	28.76	67.08	60.35	55.27	55.27	90.54	83.72	114.58	96.72	20.44	20.44	20.44	20.44	20.44
42	Cempakaputih	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
43	"	II	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
44	"	III	N	11.84	6.66	5.33	5.33	5.33	5.33	5.33	6.59	6.59	6.59	21.90	21.90	18.98	18.98	54.25	31.24	68.64	68.64	3.40	3.40	3.40	3.40	3.40
45	"	IV	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
46	Rawamangun	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
47	"	II	N	18.41	18.41	17.08	17.08	17.08	17.08	17.08	18.34	18.34	18.34	37.36	28.47	25.50	25.55	62.21	60.80	80.34	80.34	9.97	9.97	6.73	6.73	6.73
48	Pulogadung	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
49	"	II	N	23.36	23.36	20.73	20.73	20.73	20.73	20.73	23.21	23.21	23.21	49.22	49.22	45.39	29.20	73.84	65.86	102.87	86.84	13.62	13.62	13.62	13.62	13.62
50	Penggilingan	I	-	10.44	28.47	37.81	37.81	37.81	25.84	25.84	28.32	28.32	28.32	66.30	66.30	54.49	46.28	89.76	82.94	113.65	95.94	22.05	22.05	22.05	22.05	22.05
51	Tg Priok A	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
52	"	II	N	16.06	16.06	18.69	18.69	18.69	18.69	18.69	19.95	19.95	19.95	3.70	3.70	21.90	21.90	60.84	60.84	73.84	73.84	46.52	46.52	27.16	27.16	27.16
53	" B	I	-	20.44	20.44	23.07	23.07	23.07	23.07	23.07	25.55	25.55	25.55	11.68	5.92	46.80	26.28	68.64	68.64	96.71	81.64	56.16	56.16	31.54	31.54	31.54
54	"	II	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
55	Cawang	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
56	"	II	N	23.36	23.36	46.28	46.28	46.28	25.99	25.99	28.47	28.47	28.47	14.60	14.60	52.0	29.28	73.84	73.84	102.87	86.84	61.36	61.36	61.36	61.36	61.36
57	Kebayoran A	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
58	"	II	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
59	"	III	N	17.54	17.54	16.21	16.21	16.21	16.21	16.21	17.47	17.47	17.47	36.49	27.59	24.67	24.67	65.78	59.95	78.78	78.78	5.70	5.70	5.70	5.70	5.70
60	Kebayoran B	I	-	22.92	20.90	18.28	18.28	18.28	18.28	18.28	20.76	20.76	20.76	51.21	31.68	44.61	28.76	73.06	73.06	101.95	86.06	13.31	13.31	13.31	13.31	13.31
61	Cipete	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
62	"	II	N	43.19	26.13	23.51	23.51	23.51	23.51	23.51	25.99	25.99	25.99	56.44	56.44	50.33	31.97	78.78	78.78	108.72	91.78	18.54	18.54	18.54	18.54	18.54
63	Kebayoran	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
64	"	II	N	39.63	30.51	37.01	37.01	37.01	27.89	27.89	30.37	30.37	30.37	69.94	69.94	58.13	58.13	93.40	86.58	125.34	99.58	22.92	22.92	22.92	22.92	22.92
65	Pasar Minggu	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
66	"	II	N	52.55	31.39	38.57	38.57	38.57	28.76	28.76	31.24	31.24	31.24	71.50	71.50	59.69	59.69	104.41	88.14	126.90	101.14	23.80	23.80	23.80	23.80	23.80
67	Jaga Karsa	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
68	"	II	N	71.50	63.80	66.82	66.82	66.82	61.18	61.18	63.66	63.66	63.66	94.11	87.10	88.91	81.90	137.66	122.89	154.91	138.29	56.21	56.21	56.21	56.21	56.21
69	Jatinegara A	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
70	"	II	N	22.48	21.19	18.13	18.13	18.13	18.13	18.13	21.12	21.12	21.12	51.18	31.24	45.98	28.32	72.28	63.60	101.02	85.26	14.34	14.34	14.34	14.34	14.34
71	Jatinegara B	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
72	"	II	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
73	"	III	N	17.68	17.68	16.35	16.35	16.35	16.35	16.35	17.61	17.61	17.61	36.63	27.74	24.82	24.82	66.04	60.09	79.04	79.04	12.56	12.56	6.36	6.36	6.36
74	Cawang	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
75	"	II	N	42.67	25.84	23.21	23.21	23.21	23.21	23.21	25.70	25.70	25.70	56.26	56.26	49.81	31.68	78.26	78.26	107.58	91.26	19.42	19.42	19.42	19.42	19.42
76	Pasar Rebo	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
77	"	II	N	56.45	44.98	42.35	42.35	42.35	30.95	30.95	44.83	44.83	44.83	75.40	75.40	70.20	63.59	104.23	92.04	130.88	121.36	38.56	38.56	27.16	27.16	27.16
78	Klender	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
79	"	II	N	38.48	29.93	35.85	35.85	35.85	27.30	27.30	29.78	29.78	29.78	68.90	68.90	57.09	57.09	92.36	85.54	116.73	98.54	23.51	23.51	23.51	23.51	23.51
80	Tebet	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
81	"	II	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
82	"	III	N	24.82	24.82	22.19	22.19	22.19	22.19	22.19	24.67	24.67	24.67	55.24	55.24	47.99	30.66	76.44	76.44	105.95	89.44	18.40	18.40	18.40	18.40	18.40
83	Gandaria	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
84	"	II	N	78.0	78.0	73.32	73.32	73.32	73.32	73.32	77.74	77.74	77.74	107.14	93.60	104.72	86.40	146.28	130.59	207.14	145.99	66.56	66.56	66.56	66.56	66.56
85	T1-1		E	1.33	1.33	—	—	—	—	—	1.26	1.26	1.26	20.28	20.28	8.47	8.47	43.74	43.74	83.90	83.90	—	—	—	—	—
86	T2-1		"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
87	T3-1		"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
88	T4-1		"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
89	T5-1		"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
90	T1-2		N	1.33	1.33	—	—	—	—	—	1.26	1.26	1.26	20.28	20.28	8.47	8.47	43.74	43.74	83.90	83.90	—	—	—	—	—
91	T2-2		N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
92	T3-2		N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
93	T4-2		N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
94	T5-2		N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
95	OT1-2		N	1.33	1.33	—	—	—	—	—	1.26	1.26	1.26	11.39	11.39	4.29	4.29	36.92	36.92	49.92	49.92	2.96	2.96	2.96	2.96	2.96
96	OT2-2		N	4.29	4.29	2.96	2.96	2.96	2.96	2.96	4.22	4.22	4.22	17.23	17.23	14.31	14.31	47.32	47.32	60.32	60.32	—	—	—	—	—
97	OT3-2		N	13.14	13.14	10.51	10.51	10.51	10.51	10.51	12.99	12.99	12.99	39.00	39.00	18.98	18.98	55.64	55.64	81.31	81.31	6.72	6.72	6.72	6.72	6.72
98	OT4-2		N	18.83	18.83	16.21	16.21	16.21	16.21	16.21	18.69	18.69	18.69	49.14	49.14	43.94	43.94	77.92	77.92	104.54	104.54	11.24	11.24	11.24	11.24	11.24
99	OT5-2		N	16.98	16.98	16.35	16.35	16.35	16.35	16.35	18.83	18.83	18.83	49.40	49.40	49.20	49.20	78.23	78.23	104.88	104.88	12.56	12.56	12.56	12.56	12.56
100	MSI			8.47	8.47	2.96	2.96	2.96	2.96	2.96	8.32	8.32	8.32	30.68	30.68	14.31	14.31	47.32	47.32	80.04	80.04	—	—	—	—	—
101	SLDD			8.47	8.47	2.96	2.96	2.96	2.96	2.96	8.32	8.32	8.32	30.68	30.68	14.31	14.31	56.06	56.06	80.04	80.04	—	—	—	—	—
102	10X			"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
103																										
104																										

NO.	Exchange Name		SYS	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
				Gambir B (I)	" (II)	" (III)	" (IV)	" (V)	" (VI)	Semanggi A (I)	" (II)	" (III)	" (IV)	Semanggi B (I)	Slipi (I)	" (II)	" (III)	Pohmerah (I)	" (II)	Kedoya (I)	Meruya (I)	Cempa Kputih (I)	" (II)	" (III)	" (IV)	Rawa mangun (I)	" (II)	Pulogadung (I)	" (II)	Penggilingan (I)
1	Kota A	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	"	II	N	5.47	5.47	5.47	5.47	5.47	5.47	14.47	14.47	14.47	11.59	14.51	11.39	5.77	5.77	17.39	14.51	18.12	28.91	11.84	11.84	6.66	6.66	18.41	18.41	23.36	23.36	28.47
3	Kota B	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	"	II	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	"	III	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	"	IV	N	4.14	4.14	4.14	4.14	4.14	4.14	10.26	10.26	10.26	6.66	13.18	4.44	4.44	4.44	13.18	13.18	16.79	26.28	5.33	5.33	5.33	5.33	17.08	17.08	20.73	20.73	25.84
7	"	V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
8	Kota C	I	-	5.40	5.40	5.40	5.40	5.40	5.40	14.40	14.40	14.40	11.52	14.44	5.69	5.69	5.69	17.31	14.44	18.05	28.76	11.76	11.76	6.59	6.59	18.34	18.34	23.21	23.21	28.32
9	"	II	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
10	"	III	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
11	Ancol	I	E	18.41	18.41	18.41	18.41	18.41	18.41	24.53	24.53	24.53	24.53	27.45	20.15	20.15	20.15	36.34	27.45	28.18	60.35	21.90	21.90	21.90	21.90	37.36	28.47	49.22	49.22	66.30
12	"	II	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
13	Pluit	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	"	II	N	15.49	15.49	15.49	15.49	15.49	15.49	21.61	21.61	21.61	21.61	24.53	17.23	12.91	12.91	24.53	24.53	25.26	55.27	18.98	18.98	18.98	18.98	45.50	25.55	45.39	29.20	46.28
15	Ceng Kareng	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	"	II	N	48.50	48.50	48.50	28.91	28.91	28.91	54.62	54.62	54.62	54.62	57.54	52.52	29.49	29.49	57.54	57.54	66.82	83.72	54.25	54.25	31.24	31.24	62.21	60.80	73.84	65.86	82.94
17	Tegal Alur	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	"	II	N	61.50	61.50	61.50	61.50	61.50	61.50	73.32	73.32	73.32	67.62	70.54	62.52	65.52	65.52	78.52	70.54	79.82	96.72	68.64	68.64	68.64	68.64	80.34	80.34	102.87	86.84	95.94
19	Gambir A	I	E	1.18	1.18	1.18	1.18	1.18	1.18	3.70	3.70	3.70	3.70	5.18	5.18	5.18	5.18	5.18	5.18	18.25	20.44	—	—	—	—	—	—	—	—	—
20	"	II	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	—	—	—	—	—	—	—	—	—
21	"	III	N	1.18	1.18	1.18	1.18	1.18	1.18	"	"	"	"	"	"	"	"	"	"	"	"	3.40	3.40	3.40	3.40	9.90	6.73	13.62	13.62	22.05
22	"	IV	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
23	"	V	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
24	Gambir B	I	E	—	—	—	—	—	—	4.88	4.88	4.88	4.88	11.40	11.40	11.40	11.40	11.40	11.40	19.43	22.78	—	—	—	—	—	—	—	—	—
25	"	II	"	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	—	—	—	—	—	—	—	—	—
26	"	III	"	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	—	—	—	—	—	—	—	—	—
27	"	IV	N	—	—	—	—	—	—	4.88	4.88	4.88	4.88	6.36	"	6.36	6.36	11.40	6.36	19.43	22.78	4.59	4.59	4.59	4.59	14.47	14.47	18.12	18.12	24.38
28	"	V	"	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
29	"	VI	"	—	—	—	—	—	—	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
30	Semanggi A	I	E	4.88	4.88	4.88	4.88	4.88	4.88	—	—	—	—	1.48	17.52	17.52	17.52	17.52	17.52	45.50	43.70	—	—	—	—	—	—	—	—	—
31	"	II	"	"	"	"	"	"	"	—	—	—	—	"	"	"	"	"	"	"	"	—	—	—	—	—	—	—	—	—
32	"	III	"	"	"	"	"	"	"	—	—	—	—	"	"	"	"	"	"	"	"	—	—	—	—	—	—	—	—	—
33	"	IV	N	"	"	"	"	"	"	—	—	—	—	"	"	13.92	13.92	17.52	13.92	25.55	27.74	10.70	10.70	7.10	7.10	20.59	20.59	24.24	24.24	29.35
34	Semanggi B	I	-	11.40	11.40	11.40	6.36	6.36	6.36	1.48	1.48	1.48	1.48	—	20.49	20.44	20.44	20.44	20.44	28.47	30.66	16.94	16.94	13.62	13.62	23.51	23.51	48.36	27.16	49.48
35	Slipi	I	E	11.40	11.40	11.40	11.40	11.40	11.40	17.52	17.52	17.52	17.52	20.44	—	—	—	"	"	4.07	46.62	—	—	—	—	—	—	—	—	—
36	"	II	N	"	"	"	6.36	6.36	6.36	"	"	"	13.92	"	—	—	—	"	"	"	30.66	16.94	16.94	13.62	13.62	23.51	23.51	48.36	27.16	44.24
37	"	III	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
38	Palmerah	I	E	1.40	1.40	1.40	1.40	1.40	1.40	17.52	17.52	17.52	17.52	20.44	20.44	20.44	20.44	—	—	48.72	5.18	—	—	—	—	—	—	—	—	—
39	"	II	N	"	"	"	6.36	6.36	6.36	"	"	"	13.92	"	"	"	"	"	"	28.47	5.18	16.94	16.94	13.62	13.62	23.51	23.51	48.36	27.16	44.24
40	Kedoya	-	E	19.43	19.43	19.43	19.43	19.43	19.43	45.50	45.50	45.50	25.55	28.47	4.07	4.07	4.07	48.72	28.47	—	61.37	24.97	24.97	24.97	24.97	56.16	31.54	54.68	54.68	71.76
41	Meruya	-	N	22.78	22.78	22.78	22.78	22.78	22.78	43.70	43.70	43.70	27.74	30.66	46.62	30.66	30.66	5.18	5.18	61.37	—	46.52	46.52	27.16	27.16	54.93	54.93	58.58	58.58	75.66
42	Cempakaputih	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.33	3.33	5.18	5.18	15.33
43	"	II	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	"	"	"	"	"
44	"	III	N	4.59	4.59	4.59	4.59	4.59	4.59	10.70	10.70	10.70	17.10	13.62	16.94	13.62	13.62	16.94	13.62	24.97	27.16	—	—	—	—	3.33	3.33	5.18	5.18	15.33
45	"	IV	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
46	Rawamangun	I	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.33	3.33	3.33	3.33	—	—	13.55	13.55	4.44
47	"	II	N	14.47	14.47	14.47	14.47	14.47	14.47	20.59	20.59	20.59	20.59	23.51	23.51	23.51	23.51	23.51	23.51	31.54	54.93	"	"	"	"	"	"	"	"	"
48	Pulogadung	I	E	—	—	—	—	—	—	—	—	—	—	—	5.18	5.18	5.18	5.18	5.18	13.

E : EMD
N : NEW SYSTEM

T : Terminating Tandem System
OT : Originating Tandem System
MSI : One Tanden System

(1.6) CIRCUIT COST (TABLE 6-2)

			51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70
			Tg Priok A		Tg Priok B		Cilincing		Kebayoran A			Kebayoran B	Cipete		Kalibata		Pasar minggu		Jaga karsa		Jatinegara A	
			(I)	(II)	(I)	(II)	(I)	(II)	(I)	(II)	(III)	(I)	(I)	(II)	(I)	(II)	(I)	(II)	(I)	(II)	(I)	(II)
	NO	SYS	E	N	N	N	E	N	E	E	N	N	E	N	E	N	E	N	E	N	E	N
Kota	1	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	N	16.06	16.06	20.44	20.44	23.36	23.36	17.54	17.54	17.54	20.90	43.19	26.13	39.63	30.51	52.55	31.39	71.50	63.80	22.48	21.19
	3	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	N	18.69	18.69	23.07	23.07	46.28	25.99	16.21	16.21	16.21	18.28	23.51	23.51	37.01	27.89	38.57	28.76	66.82	61.18	18.13	18.13
	7	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	8	N	19.95	19.95	25.55	25.55	47.53	28.47	17.47	17.47	17.47	20.76	43.11	25.99	39.48	30.37	52.47	31.24	71.24	63.66	21.12	21.12
	9	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	10	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Ancol	11	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	N	3.70	3.70	5.92	5.92	14.60	14.60	36.49	36.49	27.59	31.68	56.44	56.44	69.94	69.94	71.50	71.50	94.11	87.10	51.18	31.24
Pluit	13	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	N	21.90	21.90	26.28	26.28	52.00	29.20	24.67	24.67	24.67	28.76	50.33	31.97	58.13	58.13	59.69	59.69	88.91	81.90	45.98	28.32
Ceng Kareng	15	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	N	60.84	60.84	68.64	68.64	73.84	73.84	65.78	65.78	59.95	73.06	78.78	78.78	93.40	86.58	104.41	88.14	137.66	122.89	72.28	63.60
Tejol Alur	17	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	N	73.84	73.84	81.64	81.64	102.87	86.84	78.78	78.78	78.78	86.06	108.72	91.78	125.34	99.58	126.90	101.14	154.91	138.29	101.02	85.28
Gambir	19	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N	46.52	27.16	31.54	31.54	61.36	61.36	5.70	5.70	5.70	13.31	18.54	18.54	22.92	22.92	23.80	23.80	56.21	56.21	14.34	14.34
	22	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	23	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	24	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N	49.54	29.49	57.34	57.34	62.54	62.54	12.42	12.42	6.88	15.65	19.72	19.72	25.26	25.26	35.94	26.13	59.16	51.54	16.67	16.67
	28	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	29	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Semanggi	30	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	32	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	33	N	55.66	55.66	63.46	63.46	68.66	68.66	2.0	2.0	2.0	4.07	5.70	5.70	15.62	15.62	16.50	16.50	25.26	25.26	23.36	21.64
	34	"	58.58	58.58	66.38	66.38	71.58	71.58	3.48	3.48	3.48	5.55	10.78	7.18	18.54	18.54	19.42	19.42	48.45	28.18	42.34	26.28
Slipi	35	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	36	N	58.58	58.58	66.38	66.38	79.56	71.58	21.46	21.46	21.46	25.55	45.52	28.76	51.04	51.04	52.60	52.60	76.18	68.20	42.34	26.28
	37	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Palmerah	38	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	39	N	58.58	58.58	66.38	66.38	79.56	71.58	5.55	5.55	5.55	13.02	18.25	18.25	22.63	22.63	23.51	23.51	55.92	55.92	42.34	26.28
Kemanggisan	40	"	86.86	86.86	88.66	88.66	111.19	93.86	49.74	49.74	29.49	53.83	59.83	57.04	73.32	73.32	74.88	74.88	107.18	90.48	54.56	54.56
	41	"	91.48	84.76	92.56	92.56	115.81	97.76	21.17	21.17	21.17	25.26	45.0	28.47	58.50	58.50	60.06	60.06	75.66	75.66	59.18	59.18
Cempaka Putih	42	E	20.44	20.44	24.82	24.82	49.40	49.40	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	43	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	44	N	"	"	"	"	"	27.74	17.08	17.08	17.08	19.15	24.38	24.38	37.88	28.76	39.44	29.64	68.38	62.05	13.75	13.75
	45	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Rawa	46	E	46.45	46.45	50.77	50.77	55.97	55.97	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	47	N	"	27.01	31.39	31.39	"	"	23.65	23.65	23.65	27.74	49.42	30.95	57.79	57.79	59.35	46.01	80.08	80.08	11.83	5.99
Rawa	48	E	5.18	5.18	14.60	14.60	17.52	17.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	49	N	"	"	"	"	"	"	48.62	48.62	27.30	31.39	53.64	53.64	69.42	61.44	70.98	63.00	93.59	86.58	41.30	25.70
Pulogadung	50	-	38.45	38.45	71.50	71.50	76.70	76.70	57.72	57.72	44.38	50.74	65.02	65.02	78.52	78.52	80.08	80.08	113.34	95.68	18.86	18.86
Tg Priok	51	E	—	—	2.22	2.22	3.70	3.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	52	N	—	—	—	—	—	—	66.82	66.82	60.20	74.10	79.82	79.82	99.96	87.62	101.52	89.18	139.04	124.12	58.60	58.60
	53	"	2.22	2.22	—	—	11.68	11.68	74.62	74.62	74.62	81.90	103.30	87.62	113.04	95.42	114.88	96.18	149.39	133.36	71.76	71.76
	54	"	—	—	—	—	—	5.92	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cilincing	55	E	3.70	3.70	11.68	11.68	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	56	N	"	"	"	5.92	—	—	79.82	79.86	79.82	87.10	109.96	92.82	126.72	100.62	128.28	121.04	156.29	139.52	76.96	76.96
Kebayoran	57	E	—	—	—	—	—	—	—	—	—	2.07	3.70	3.70	11.68	11.68	12.56	12.56	21.32	21.32	—	—
	58	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	59	N	66.82	60.20	74.62	74.62	79.82	79.82	—	—	—	—	—	—	—	5.92	12.56	6.36	21.32	—	18.72	18.72
	60	"	74.10	74.10	81.90	81.90	103.18	87.10	2.07	2.07	2.07	—	9.37	5.77	13.75	13.75	14.63	14.63	25.40	25.40	24.53	24.53
Cibubur	61	E	—	—	—	—	—	—	3.70	3.70	3.70	9.37	—	—	18.98	18.98	19.86	19.86	45.26	45.26	—	—
	62	N	79.82	79.82	87.62	87.62	100.96	92.82	"	"	"	5.77	—	—	—	—	—	—	—	28.62	43.70	27.74
Kelapa Gading	63	E	—	—	—	—	—	—	11.68	11.68	11.68	13.75	18.98	18.98	—	—	4.44	4.44	17.52	17.52	—	—
	64	N	99.96	37.62	95.42	95.42	126.72	100.62	"	"	5.92	"	"	"	"	"	"	"	"	"	15.80	15.80
Pulo Mas	65	E	—	—	—	—	—	—	12.56	12.56	12.56	14.63	19.86	19.86	4.44	4.44	—	—	4.44	4.44	—	—
	66	N	101.52	89.18	96.90	96.90	128.28	121.04	12.56	"	6.36	"	"	"	"	"	"	"	"	"	42.34	26.28
Jaga Karsa	67	E	—	—	—	—	—	—	21.32	21.32	21.32	25.40	45.26	45.26	17.52	17.52	4.44	4.44	—	—	—	—
	68	N	139.04	124.12	133.36	133.36	156.29	139.52	21.32	21.32	21.32	25.40	45.26	28.62	17.52	17.52	4.44	4.44	—	—	62.40	62.40
Johar Baru	69	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	70	N	58.68	58.60	71.76	71.76	76.96	76.96	18.72	18.72	18.72	24.53	43.70	27.74	15.80	15.80	42.34	26.28	62.40	62.40	—	—
	71	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.78	1.78
	72	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	"	"
	73	N	55.09	55.09	65.52	65.52	70.72	70.72	16.94	16.94	16.94	19.01	24.24	24.24	14.02	7.10	22.78	22.78	56.16	31.54	1.78	1.78
Senen	74	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.25	5.25
	75	N	55.09	55.09	65.52	65.52	70.72	70.72	15.33	15.33	15.33	17.40	22.63	22.63	5.18	5.18	18.98	18.98	49.40	27.74	5.25	5.25
Pasar Rebo	76	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.38	16.38
	77	N	90.44	83.72	91.52	91.52	104.58	96.72	23.07	23.07	23.07	27.16	48.38	30.37	17.96	17.96	47.58	26.72	63.18	63.18	16.38	16.38
Klender	78	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12.73	12.73
	79	N	77.22	77.22	85.02	85.02	103.28	90.22	36.44	36.44	27.89	31.97	56.96	56.96	24.97	24.97	60.06	60.06	75.66	75.66	12.73	12.73
Tebet	80	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.74	4.74
	81	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	"	"
	82	N	83.56	60.93	75.92	75.92	89.62	81.12	5.62	5.62	5.62	13.17	18.40	18.40	4.14	4.14	16.94	16.94	45.76	25.70	4.74	4.74
Gandaria	83	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	45.98	45.98
	84	N	135.24	116.37	129.98	129.98	152.40	136.14	59.28	59.28	59.28	61.35	72.28	66.58	50.18	28.18	65.78	66.78	96.40	81.38	45.98	25.32
Cempaka Putih	85	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	86	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	87	E	43.12	43.12	58.65	58.65	83.03	83.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	88	E	—	—	—	—	—	—	—	—	—	2.07	7.30	7.30	20.80	20.80	22.36	22.36	44.97	44.97	—	—
	89	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.78	1.78
Pondok Kopi	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	92	—	43.12	43.12	58.65	58.65	83.03	83.03	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	93	—	—	—	—	—	—	—	—	—	—	2.07	7.30	7.30	20.80	20.80	22.36	22.36	44.97	44.97	—	—
	94	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.78	1.78
Cibubur	95	—	18.69	18.69	41.08	41.08	46.28	46.28	16.21	16.21	16.21	36.14	41.86	41.86	49.66	49.66	51.22	51.22	79.16	79.16	19.86	19.86
	96	—	48.36	48.36	56.16	56.16	61.36	61.36	11.24	11.24	11.24	15.33	18.54	18.54	40.82	40.82	42.38	42.38	57.98	57.98	16.06	16.06
Cibinong	97	—	36.40	36.46	44.20	44.20	49.40	49.40	17.08	17.08	17.08	37.70	43.42	43.42	51.22	51.22	52.78	52.78	81.00	81.00	15.48	15.48
	98	—	79.16	79.16	88.40	88.40	105.92	105.92	—	—	—	2.07	3.70	3.70	11.68	11.68	12.56	12.56	37.96	37.96	36.40	36.40
	99	—	57.72	57.72	77.62	77.62	83.78	83.78	16.94	16.94	16.94	37.44	43.16	43.16	14.02	14.02	40.56	56.16	56.16	56.16	17.8	17.8
MSI	100		48.36	49.36	66.53	66.53	81.42	81.42	11.24	11.24	11.24	15.33	33.02	33.02	40.82	40.82	42.38	42.38	68.68	68.68	28.6	28.6
SLDD	101		57.29	57.29	74.52	74.52	81.42	81.42	11.24	11.24	11.24	27.3	33.02	33.02	40.82	40.82	42.38	42.38	76.94	76.94	28.6	28.6
10X	102		"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"

			71	72	73	74	75	76	77	78	79	80	81	82	83	84
			Jatinegara B			Cawang		Pasar Rebo		Klender		Tebet		Gandaria		
			(I)	(II)	(III)	(I)	(II)	(I)	(II)	(I)	(II)	(I)	(II)	(III)	(I)	(II)
	NO	SYS	E	E	N	E	N	E	N	E	N	E	E	N	E	N
Kota	1	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	2	N	17.68	17.68	17.68	42.67	25.84	56.45	44.98	38.48	29.93	24.82	24.82	24.82	76.00	76.00
	3	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	4	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	5	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	6	N	16.35	16.35	16.35	23.21	23.21	42.35	30.95	35.85	27.30	22.19	22.19	22.19	73.32	73.32
	7	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	8	N	17.61	17.61	17.61	42.59	25.70	56.37	44.83	38.33	29.78	24.67	24.67	24.67	77.74	77.74
	9	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	10	N	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Ancol	11	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	12	N	36.63	36.63	27.74	56.26	56.26	75.40	75.40	68.90	68.90	55.24	55.24	55.24	107.14	93.60
Pluit	13	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	14	N	24.82	24.82	24.82	49.81	31.68	70.20	63.59	57.09	57.09	47.99	47.99	30.66	104.72	88.40
Ceng Kareng	15	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	16	N	66.04	66.04	60.09	78.26	78.26	104.23	92.04	92.36	85.54	76.44	76.44	76.44	146.28	130.59
Tejol Alur	17	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	18	N	79.04	79.04	79.04	107.58	91.26	130.88	121.36	116.73	98.54	105.95	105.95	89.44	207.14	145.99
Gambir	19	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	20	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	21	N	12.56	12.56	6.36	19.42	19.42	38.56	27.16	23.51	23.51	18.40	18.40	18.40	66.56	66.56
	22	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	23	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	24	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	25	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	26	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	27	N	13.74	13.74	13.74	20.60	20.60	40.89	29.49	34.39	25.84	19.58	19.58	19.58	70.72	70.72
	28	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	29	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Semanggi	30	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	31	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	32	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	33	N	19.86	19.86	19.86	47.58	26.72	55.66	45.86	49.16	30.81	45.76	45.76	25.70	79.56	79.56
	34	"	22.78	22.78	22.78	29.64	29.64	58.58	58.58	52.08	52.08	46.40	46.40	28.62	100.41	84.76
Slipi	35	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	36	N	22.78	22.78	22.78	47.42	29.64	58.58	58.58	52.08	52.08	46.40	46.40	28.62	100.41	84.76
	37	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Palmerah	38	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	39	N	22.78	22.78	22.78	47.42	29.64	58.58	58.58	52.08	52.08	46.40	46.40	28.62	100.41	84.76
Kemanggisan	40	"	51.06	51.06	30.81	61.72	57.92	95.79	80.86	74.36	74.36	60.70	60.70	56.90	117.38	99.06
	41	"	55.68	55.68	55.68	65.62	62.54	91.48	84.76	78.26	78.26	64.60	64.60	61.52	136.62	121.97
Cempaka Putih	42	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	43	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	44	N	11.97	11.97	6.07	18.83	18.83	37.97	26.57	22.92	22.92	17.81	17.81	17.81	65.52	65.52
	45	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
Rawa	46	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	47	N	4.22	4.22	4.22	15.18	11.08	22.42	22.92	19.27	19.27	10.06	10.06	7.18	52.02	59.02
Rawa	48	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	49	N	22.19	22.19	22.19	46.35	29.05	57.54	57.54	51.04	51.04	45.36	45.36	28.03	99.18	83.42
Pulogadung	50	-	17.08	17.08	17.08	23.94	23.94	43.08	31.68	36.58	28.03	22.92	22.92	22.92	74.62	74.62
Tg Priok	51	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	52	N	55.09	55.09	55.09	64.58	61.95	90.44	83.72	77.22	77.22	63.56	63.56	60.93	135.24	116.37
	53	"	65.52	65.52	65.52	77.74	77.74	103.62	91.52	97.14	85.02	75.92	75.92	75.92	145.59	129.98
	54	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cilincing	55	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	56	N	70.72	70.72	70.72	90.64	82.94	114.56	96.72	103.28	90.22	89.62	89.62	81.12	152.49	136.14
Kebayoran	57	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	58	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	59	N	16.94	16.94	16.94	15.33	15.33	23.07	23.07	36.44	27.89	5.62	5.62	5.62	59.28	59.28
	60	"	21.02	21.02	19.01	17.40	17.40	43.15	27.16	51.73	31.97	13.17	13.17	13.17	61.35	61.35
Cibubur	61	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	62	N	24.24	24.24	24.24	22.63	22.63	48.38	30.37	56.96	56.96	18.40	18.40	18.40	72.28	66.56
Kelapa Gading	63	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	64	N	14.02	14.02	7.10	5.18	5.18	17.96	17.96	24.97	24.97	4.14	4.14	4.14	50.18	28.18
Pulo Mas	65	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	66	N	22.78	22.78	22.78	18.98	18.98	47.58	26.72	60.06	60.06	16.94	16.94	16.94	65.78	65.78
Jaga Karsa	67	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	68	N	56.16	56.16	31.54	49.40	27.74	63.18	63.18	75.66	75.66	45.76	45.76	25.70	96.40	81.38
Johar Baru	69	E	1.78	1.78	1.78	5.25	5.25	16.38	16.38	12.73	12.73	4.74	4.74	4.74	45.98	45.98
	70	N	1.78	1.78	1.78	5.25	5.25	16.38	16.38	12.73	12.73	4.74	4.74	4.74	45.98	28.32
	71	E	—	—	—	3.48	3.48	14.60	14.60	5.55	5.55	2.96	2.96	2.96	24.82	24.82
	72	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	73	N	—	—	—	3.48	3.48	14.60	14.60	5.55	5.55	2.96	2.96	2.96	24.82	24.82
Senen	74	E	3.48	3.48	3.48	—	—	3.92	3.92	17.81	17.81	9.32	9.32	9.82	17.96	17.96
	75	N	3.48	3.48	3.48	—	—	3.92	3.92	17.81	17.81	9.32	9.32	6.44	17.96	17.96
Pasar Rebo	76	E	14.60	14.60	14.60	3.92	3.92	—	—	34.10	34.10	20.44	20.44	20.44	5.18	5.18
	77	N	14.60	14.60	14.60	3.92	3.92	—	—	34.10	25.55	20.44	20.44	20.44	5.18	5.18
Klender	78	E	5.55	5.55	5.55	17.81	17.81	34.10	34.10	—	—	16.79	16.79	16.79	63.70	63.70
	79	N	5.55	5.55	5.55	17.81	17.81	34.10	25.55	—	—	16.79	16.79	16.79	63.70	63.70
Tebet	80	E	2.96	2.96	2.96	9.32	9.32	20.44	20.44	16.79	16.79	—	—	—	50.04	50.04
	81	"	"	"	"	"	"	"	"	"	"	—	—	—	"	"
	82	N	2.06	2.96	2.96	9.32	6.44	20.44	20.44	16.79	16.79	—	—	—	50.04	30.66
Gandaria	83	E	24.82	24.82	24.82	17.96	17.96	5.18	5.18	63.70	63.70	50.04	50.04	50.04	—	—
	84	N	24.82	24.82	24.82	17.96	17.96	5.18	5.18	63.70	63.70	50.04	50.04	30.66	—	—
Cempaka Putih	85	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	86	"	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	87	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	88	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	89	E	—	—	—	6.86	6.86	2.6	2.6	19.5	19.5	5.84	5.84	5.84	58.65	58.65
Pondok Kopi	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	91	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	92	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	93	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	94	—	—	—	—	6.86	6.86	2.6	2.6	19.5	19.5	5.84	5.84	5.84	58.65	58.65
Cibubur	95	—	16.35	16.35	16.35	41.34	41.34	55.12	55.12	47.32	47.32	39.52	39.52	39.52	86.86	86.86
	96	—	12.56	12.56	12.56	19.42	19.42	43.36	48.36	41.56	41.56	18.40	18.40	18.40	78.85	78.85
Cibinong	97	—	11.97	11.97	11.97	16.83	18.83	47.32	47.32	40.82	40.82	17.81	17.81	17.81	77.62	77.62
	98	—	16.94	16.94	16.94	15.33	15.33	41.08	41.08	49.66	49.66	11.10	11.10	11.10	59.28	59.28
	99	—	14.02	14.02	40.56	3.48	3.48	14.60	14.60	10.95	10.95	2.96	2.96	2.96	44.20	44.20
MSI	100		12.56	12.56	12.56	34.58	34.58	48.36	48.36	41.86	41.86	32.76	32.76	32.76	52.32	58.32
SLDD	101		12.56	12.56	12.56	34.58	34.58	57.29	57.

(2·1) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1979 (TABLE 7-1)

12.782 UPPER: Offered traffic in Erl.
0.496 UNDER: traffic to tandem exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC	1 KOTA A I	3 KOTA B I	4 KOTA B II	5 KOTA B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGALALUR I	T1 I	19 GAMBIR A I	20 GAMBIR A II	24 GAMBIR B I	25 GAMBIR B II	26 GAMBIR B III	30 SEMANGGI A I	31 SEMANGGI A II	32 SEMANGGI A III	35 SLIPI I	38 PALMERAH I	T2 I
1	KOTA - A I	9 700	0.084	814.800	72.370	60.449	60.449	60.449	19.058	29.523	10.988	0.864		42.174	42.174	37.405	37.405	29.924	17.514	17.514	3.503	27.467	17.420	—
					—	—	—	—	—	—	—	—		42.174	42.174	37.405	37.405	29.924	17.514	17.514	3.503	27.467	17.420	(272.520)
3	KOTA - B I	9 700	0.084	814.800	54.129	64.805	64.805	64.805	17.941	22.304	8.469	0.666		44.763	44.763	39.306	39.306	31.445	17.860	17.860	3.572	25.345	16.399	—
					—	—	—	—	—	—	—	—		44.763	44.763	39.306	39.306	31.445	17.860	17.860	3.572	25.345	16.399	(280.661)
4	KOTA - B II	9 700	0.084	814.800	54.129	64.805	64.805	64.805	17.941	22.304	8.469	0.666		44.763	44.763	39.306	39.306	31.445	17.860	17.860	3.572	25.345	16.397	—
					—	—	—	—	—	—	—	—		44.763	44.763	39.306	39.306	31.445	17.860	17.860	3.572	25.345	16.399	(280.661)
5	KOTA - B III	9 700	0.084	814.800	54.129	64.805	64.805	64.805	17.941	22.304	8.469	0.666		44.763	44.763	39.306	39.306	31.445	17.860	17.860	3.572	25.345	16.399	—
					—	—	—	—	—	—	—	—		44.763	44.763	39.306	39.306	31.445	17.860	17.860	3.572	25.345	16.399	(280.661)
11	ANCOL I	5 820	0.055	320.100	20.974	22.050	22.050	22.050	12.293	8.817	3.185	0.253		17.172	17.172	14.780	14.780	11.824	6.716	6.716	1.343	8.710	5.750	—
					—	—	—	—	—	—	—	—		17.172	17.172	14.780	14.780	11.824	6.716	6.716	1.343	8.710	5.750	(104.965)
13	PLUIT I	7 760	0.055	426.800	35.093	29.606	29.606	29.606	9.523	23.603	8.785	0.684		21.715	21.715	19.259	19.259	15.407	9.200	9.200	1.840	15.630	10.013	—
					—	—	—	—	—	—	—	—		21.715	21.715	19.259	19.259	15.407	9.200	9.200	1.840	15.630	10.013	(143.234)
15	CENGKARENG I	5 820	0.045	261.900	18.418	15.853	15.853	15.853	4.800	12.388	12.833	0.966		12.979	12.979	11.981	11.981	9.585	6.325	6.325	1.265	10.854	7.918	—
					—	—	—	—	—	—	—	—		12.979	12.979	11.981	11.981	9.585	6.325	6.325	1.265	10.854	7.918	(92.192)
17	TEGAL ALUR I	970	0.035	33.950	2.337	2.011	2.011	2.011	0.622	1.556	1.559	0.340		1.647	1.647	1.551	1.551	1.241	0.827	0.827	0.165	1.391	1.088	
					—	—	—	—	—	—	—	—		1.647	1.647	1.551	1.551	1.241	0.827	0.827	0.165	1.391	1.088	(11.939)
	T1 - I				(428.738)	(394.967)	(494.967)	(494.967)	(166.335)	(287.509)	(185.091)	(16.896)												
					—	—	—	—	—	—	—	—												
19	GAMBIR - A I	9 700	0.084	814.800	34.476	40.865	40.865	40.865	12.755	14.934	6.330	0.498	—	59.161	59.161	52.471	52.471	41.977	23.605	23.605	4.721	24.324	18.469	
					34.476	40.865	40.865	40.865	12.755	14.934	6.330	0.498	(191.588)	—	—	—	—	—	—	—	—	—	—	
20	GAMBIR - A II	9 700	0.084	814.800	34.476	40.865	40.865	40.865	12.755	14.934	6.330	0.498	—	59.161	59.161	52.471	52.471	41.997	23.605	23.605	4.721	24.324	18.469	
					34.476	40.865	40.865	40.865	12.755	14.934	6.330	0.498	(191.588)	—	—	—	—	—	—	—	—	—	—	
24	GAMBIR - B I	9 700	0.084	814.800	30.796	36.146	36.146	36.146	11.057	13.340	5.885	0.472	—	52.846	52.846	59.584	59.584	47.667	26.274	26.274	5.255	23.537	19.168	
					30.796	36.146	36.146	36.146	11.057	13.340	5.885	0.472	(169.970)	—	—	—	—	—	—	—	—	—	—	
25	GAMBIR - B II	9 700	0.084	814.800	30.796	36.146	36.146	36.146	11.057	13.340	5.885	0.472	—	52.846	52.846	59.584	59.584	47.667	26.274	26.294	5.255	23.537	19.168	
					30.796	36.146	36.146	36.146	11.057	13.340	5.885	0.472	(169.970)	—	—	—	—	—	—	—	—	—	—	
26	GAMBIR - B III	7 760	0.084	651.840	24.637	28.912	28.912	28.912	8.846	10.672	4.708	0.378	—	42.277	42.277	47.667	47.667	38.134	21.019	21.019	4.204	18.830	15.334	
					24.637	28.912	28.912	28.912	8.846	10.672	4.708	0.378	(135.977)	—	—	—	—	—	—	—	—	—	—	
30	SEMANGGI - A I	9 700	0.050	485.000	15.990	18.210	18.210	18.210	5.571	7.066	3.445	0.279	—	26.363	26.363	29.136	29.136	23.309	23.410	23.410	4.682	13.506	13.843	
					15.990	18.210	18.210	18.210	5.571	7.066	3.440	0.279	(86.981)	—	—	—	—	—	—	—	—	—	—	
31	SEMANGGI - A II	9 700	0.050	485.000	15.990	18.210	18.210	18.210	5.571	7.066	3.445	0.279	—	26.363	26.363	29.136	29.136	23.309	23.410	23.410	4.682	13.506	13.843	
					15.990	18.210	18.210	18.210	5.571	7.066	3.445	0.279	(86.981)	—	—	—	—	—	—	—	—	—	—	
32	SEMANGGI - A III	1 940	0.050	97.000	3.198	3.642	3.642	3.642	1.114	1.413	0.689	0.056	—	5.273	5.273	5.827	5.827	4.662	4.682	4.688	0.936	2.701	2.769	
					3.198	3.642	3.642	3.642	1.114	1.413	0.689	0.056	(17.396)	—	—	—	—	—	—	—	—	—	—	
35	SLIPI I	9 700	0.080	485.000	26.078	26.872	26.872	26.872	7.514	12.484	6.148	0.488	—	28.250	28.250	27.142	27.142	21.714	14.045	14.045	2.809	24.344	15.439	
					26.078	26.872	26.872	26.872	7.514	12.484	6.148	0.488	(133.328)	—	—	—	—	—	—	—	—	—	—	
38	PALMERAH I	9 700	0.045	436.500	18.322	19.262	19.262	19.262	5.495	8.859	4.969	0.423	—	23.763	23.763	24.486	24.486	19.589	15.948	15.948	3.190	17.104	21.845	
					18.322	19.262	19.262	19.262	5.495	8.859	4.969	0.423	(95.854)	—	—	—	—	—	—	—	—	—	—	
	T2 - I													(514.912)	(514.912)	(498.017)	(498.017)	(396.413)	(264.222)	(264.222)	(54.646)	(277.364)	(222.635)	
														—	—	—	—	—	—	—	—	—	—	
42	CEMPAKAPUTIH I	9 700	0.055	533.500	23.078	27.630	27.630	27.630	10.640	9.415	3.684	0.290	—	31.465	31.465	29.338	29.338	23.471	13.875	13.875	2.775	13.198	9.922	—
					23.078	27.630	27.630	27.630	10.640	9.415	3.684	0.290	(129.997)	31.465	31.465	29.338	29.338	23.471	13.875	13.875	2.775	13.198	9.922	(198.722)
43	CEMPAKAPUTIH II	4 850	0.055	266.750	11.539	13.815	13.815	13.815	5.320	4.707	1.842	0.145	—	15.733	15.733	14.669	14.669	11.735	6.938	6.938	1.388	6.599	4.961	—
					11.539	13.815	13.815	13.815	5.320	4.707	1.842	0.145	(64.998)	15.733	15.733	14.669	14.669	11.735	6.938	6.938	1.388	6.599	4.961	(99.353)
46	RAWAMANGUN I	3 880	0.045	174.600	6.095	7.298	7.298	7.298	2.867	2.487	0.993	0.076	—	9.003	9.003	9.003	9.003	7.202	4.801	4.801	0.960	5.359	3.014	—
					6.095	7.298	7.298	7.298	2.867	2.487	0.993	0.076	(34.412)	9.003	9.003	9.003	9.003	7.202	4.801	4.801	0.960	5.359	3.014	(62.149)
48	PULOGADUNG I	3 880	0.045	174.600	7.639	8.699	8.699	8.699	4.301	3.179	1.183	0.099	—	9.054	9.054	8.358	8.358	6.686	4.155	4.155	0.831	3.836	2.827	—
					7.639	8.699	8.699	8.699	4.301	3.179	1.183	0.099	(42.498)	9.054	9.054	8.358	8.358	6.686	4.155	4.155	0.831	3.836	2.827	(57.314)
51	TG. PRIOK - A I	5 820	0.064	372.479	21.199	22.286	22.286	22.286	12.424	9.275	3.452	0.271	—	18.615	18.615	16.510	16.510	13.208	7.577	7.577	1.515	8.892	5.929	—
					21.199	22.286	22.286	22.286	12.424	9.275	3.452	0.271	(134.791)	18.615	18.615	16.510	16.510	13.208	7.577	7.577	1.515	8.892	5.929	(114.941)
55	GILINCING I	970	0.055	53.350	2.620	2.754	2.754	2.754	1.520	1.123	0.406	0.032	—	3.330	3.330	2.300	2.300	1.840	1.088	1.088	0.218	1.132	0.786	—
					2.620	2.754	2.754	2.754	1.520	1.123	0.406	0.032	(13.963)	3.330	3.330	2.300	2.300	1.840	1.088	1.088	0.218	1.132	0.786	(17.412)
	T3 - I																							
57	KEBAYORAN - A I	9 700	0.050	485.000	18.113	17.211	17.211	17.211	5.009	7.021	3.783	0.329	—	23.466	23.466	25.934	25.934	20.747	20.425	20.425	4.085	13.829	16.633	—
					18.113	17.211	17.211	17.211	5.009	7.021	3.783	0.329	(82.888)	23.466	23.466	25.934	25.934	20.747	20.425	20.425	4.085	13.829	16.633	(194.944)
58	KEBAYORAN - A II	9 700	0.050	485.000	18.113	17.211	17.211	17.211	5.009	7.021	3.783	0.329	—	23.466	23.466	25.934	25.934	20.747	20.425	20.425	4.085	13.829	16.633	—
					18.113	17.211	17.211	17.211	5.009	7.021	3.783	0.329	(82.888)	23.466	23.466	25.934	25.934	20.747	20.425	20.425	4.085	13.829	16.633	(194.944)
61	CIPETE I	6 790	0.045	305.550	8.391	9.273	9.273	9.273	2.809	3.977	2.275	0.212	—	13.159	13.159	14.543	14.543	11.635	11.685	11.685	2.337	7.755	9.612	—
					8.391	9.273	9.273	9.273	2.809	3.977	2.275	0.212	(45.483)	13.159	13.159	14.543	14.543	11.635	11.685	11.685	2.337	7.755	9.612	(110.113)
63	KALIBATA I	4 850	0.045	218.250	5.787	6.928	6.928	6.928	2.228	2.609	1.259	0.104	—	10.030	10.030	11.085	11.085	8.868	8.558	8.558	1.712	4.888	5.373	—
					5.787	6.928	6.928	6.928	2.228	2.609	1.259	0.104	(32.771)	10.030	10.030	11.085	11.085	8.868	8.558	8.558	1.712	4.888	5.373	(80.187)
65	PASAR MINGGU I	3 920	0.040	232.800	5.725	6.651	6.651	6.651	2.118	2.530	1.310	0.112	—	9.438	9.438	10.641	10.641	8.513	8.381	8.381	1.676	4.884	5.816	—
					5.725	6.651	6.651	6.651	2.118	2.530	1.310	0.112	(31.748)	9.438	9.438	10.641	10.641	8.513	8.381	8.381	1.676	4.884	5.816	(77.804)
67	JAGAKARSA I	970	0.035	33.950	0.610	0.941	0.941	0.941	0.297	0.376	0.207	0.019	—	1.362	1.362	1.520	1.520	1.216	1.209	1.209	0.242	0.733	0.891	—
					0.610	0.941	0.941	0.941	0.297	0.376	0.207	0.019	(14.532)	1.362	1.362	1.520	1.520	1.216	1.209	1.209	0.242	0.733	0.891	(11.264)
	T4 - I																							
69	JATINEGARA - A I	3 880	0.055	213.400	7.033	8.590	8.590	8.590	3.023	2.957	1.241	0.097	—	11.596	11.596	12.190	12.190	9.752	6.834	6.684	1.364	4.864	4.206	—
					7.033	8.590	8.590	8.590	3.023	2.957	1.241	0.097	(40.121)	11.596	11.596	12.190	12.190	9.752	6.834	6.684	1.364	4.864	4.206	(81.429)
71	JATINEGARA - B I	9 700	0.055	533.500	16.027	19.575	19.575	19.575	7.028	6.538	2.799	0.218	—	25.900	25.900	27.228	27.228	21.782	16.535	16.535	3.307	10.864	9.975	—
					16.027	19.575	19.575	19.575	7.028	6.538	2.799	0.218	(91.335)	25.900	25.900	27.228	27.228	21.782	16.535	16.535	3.307	10.864	9.975	(185.255)
72	JATINEGARA - B II	5 820	0.055	320.100	9.662	11.801	11.801	11.801	4.237	3.942	1.687	0.131	—	15.614	15.614	16.415	16.415	13.132	9.968	9.968	1.994	6.550	6.014	—
					9.662	11.801	11.801	11.801	4.237	3.942	1.687	0.131	(55.062)	15.614	15.614	16.415	16.415	13.132	9.968	9.968	1.994	6.550	6.014	(111.654)
74	CAWANG I	6 790	0.050	339.500	8.676	10.387	10.387	10.387	3.548	3.721	1.726	0.138	—	14.888	14.888	16.291	16.291	13.032	11.494	11.494	2.299	6.698	6.865	—
					8.676	10.387	10.387	10.387	3.548	3.721	1.726	0.138	(48.970)	14.888	14.888	16.291	16.291	13.032	11.494	11.494	2.299	6.698	6.865	(114.240)
76	PASAR REBO I	3 880	0.045	174.600	4.164	4.935	4.935	4.935	1.720	1.786	0.836	0.071	—	7.074	7.074	7.740	7.740	6.192	5.684	5.684	1.137	3.279	3.569	—
					4.164	4.935	4.935	4.935	1.720	1.786	0.836	0.071	(23.362)	7.074	7.074	7.740	7.740	6.192	5.684	5.684	1.137	3.279	3.569	(55.173)
78	KLENDER I	3 880	0.040	155.200	4.728	5.493	5.493	5.493	2.269	1.909	0.770	0.059	—	7.124	7.124	7.124	7.124	5.699	4.414	4.414	0.883	4.240	2.636	—
					4.728	5.493	5.493	5.493	2.269	1.908	0.770	0.059	(26.214)	7.124	7.124	7.124	7.124	5.699	4.414	4.414	0.883	4.240	2.636	(50.782)
					14.214	15.848	15.848	15.848	5.527	6.096	2.744	0.218	—	23.908	23.908	26.423	26.423	21.138	17.733	17.733	3.547	10.864	10.486	—

NO	EXCHANGE	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 RAWAMANGUN I	48 PULOGADUNG I	51 TG PRIOK A I	55 GILINCING I	T3 I	57 KEBAYORANA I	58 KEBAYORANA II	61 CIPETE I	63 KALIBATA I	65 PASAR MINGGU I	67 JAGAKARSA I	T4 I	69 JATINEGARA A I	71 JATINEGARA B I	72 JATINEGARA B II	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	81 TEBET II	83 GANDARIA I	T5 I	SUBTOTAL	85 SLDD	86 IOX	TANDEM TRAFFIC	TOTAL
1	KOTA - A I	24.730	12.369	5.427	5.536	13.860	1.228	—	13.915	13.915	4.958	4.877	3.418	0.318	—	7.330	15.004	9.002	6.464	2.099	2.926	14.055	4.217	0.822		753.119	47.584	14.096		814.800
		24.730	12.369	5.427	5.536	13.860	1.228	(63.157)	13.915	13.915	4.958	4.877	3.418	0.318	(41.401)	7.330	15.004	9.002	6.464	2.099	2.926	14.055	4.217	0.822	(61.919)		—	—		
3	KOTA - B I	26.520	13.260	5.818	5.646	13.048	1.156	—	14.191	14.191	4.906	5.228	3.556	0.331	—	8.017	16.410	9.846	6.930	2.228	3.044	14.918	4.475	0.863	—	753.119	47.584	14.096		814.800
		26.520	13.260	5.818	5.646	13.048	1.156	(65.448)	14.191	14.191	4.906	5.228	3.556	0.331	(42.403)	8.017	16.410	9.846	6.930	2.228	3.044	14.918	4.475	0.863	(66.731)		—	—		
4	KOTA - B II	26.520	13.260	5.818	5.646	13.048	1.156	—	14.191	14.191	4.906	5.228	3.556	0.331	—	8.017	16.410	9.846	6.930	2.228	3.044	14.918	4.475	0.863	—	753.119	47.584	14.096		814.800
		26.520	13.260	5.818	5.646	13.048	1.156	(65.448)	14.191	14.191	4.906	5.228	3.556	0.331	(42.403)	8.017	16.410	9.846	6.930	2.228	3.044	14.918	4.475	0.863	(66.731)		—	—		
5	KOTA - B III	26.520	13.260	5.818	5.646	13.048	1.156	—	14.191	14.191	4.906	5.228	3.556	0.331	—	8.017	16.410	9.846	6.930	2.228	3.044	14.918	4.475	0.863	—	753.119	47.584	14.096		814.800
		26.520	13.260	5.818	5.646	13.048	1.156	(65.448)	14.191	14.191	4.906	5.228	3.556	0.331	(42.403)	8.017	16.410	9.846	6.930	2.228	3.044	14.918	4.475	0.863	(66.731)		—	—		
11	ANCOL I	12.551	6.270	2.809	3.431	8.940	0.784	—	5.076	5.076	1.827	2.067	1.392	0.128	—	3.468	7.241	4.345	2.909	0.954	1.543	6.200	1.860	0.355	—	295.868	18.694	5.538		320.100
		12.551	6.270	2.809	3.431	8.940	0.784	(34.791)	5.076	5.076	1.827	2.067	1.392	0.128	(15.566)	3.468	7.241	4.345	2.909	0.954	1.543	6.200	1.860	0.355	(28.877)		—	—		
13	PLUIT I	11.995	5.998	2.631	2.739	7.208	0.626	—	7.684	7.684	2.793	2.613	1.795	0.176	—	3.663	7.275	4.365	3.295	1.070	1.405	7.165	2.149	0.419	—	394.491	24.925	7.384		426.800
		11.995	5.998	2.631	2.739	7.208	0.626	(31.197)	7.684	7.684	2.793	2.613	1.795	0.176	(22.745)	3.663	7.275	4.365	3.295	1.070	1.405	7.165	2.149	0.419	(30.806)		—	—		
15	CENGKARENG I	6.618	3.309	1.481	1.437	3.783	0.319	—	5.839	5.839	2.254	1.779	1.311	0.136	—	2.167	4.392	2.635	2.155	0.707	0.799	4.547	1.364	0.297	—	242.074	15.295	4.531		261.900
		6.618	3.309	1.481	1.437	3.783	0.319	(16.947)	5.839	5.839	2.254	1.779	1.311	0.136	(17.158)	2.167	4.392	2.635	2.155	0.707	0.799	4.547	1.364	0.297	(19.063)		—	—		
17	TEGAL ALUR I	0.840	0.420	0.184	0.194	0.480	0.041	—	0.819	0.819	0.339	0.237	0.180	0.020	—	0.272	0.552	0.331	0.279	0.096	0.099	0.503	0.175	0.040	—	31.380	1.983	0.587		33.950
		0.840	0.420	0.184	0.194	0.480	0.041	(2.159)	0.819	0.819	0.339	0.237	0.180	0.020	(2.414)	0.272	0.552	0.331	0.279	0.096	0.099	0.503	0.175	0.040	(2.427)		—	—		
	T1 - I																												(2.359.470)	
19	GAMBIR - A I	27.571	13.786	6.552	5.365	9.949	1.277	—	17.663	17.663	6.356	6.910	4.607	0.437	—	9.880	19.822	11.893	9.068	2.915	3.604	19.326	5.798	1.130	—	753.119	47.584	14.096		814.800
		27.571	13.786	6.552	5.365	9.949	1.277	(64.500)	17.663	17.663	6.356	6.910	4.607	0.437	(53.636)	9.880	19.822	11.893	9.068	2.915	3.604	19.326	5.798	1.130	(83.436)		—	—		
20	GAMBIR - A II	27.571	13.786	6.552	5.365	9.949	1.277	—	17.663	17.663	6.356	6.910	4.607	0.437	—	9.880	19.822	11.893	9.068	2.915	3.604	19.326	5.798	1.130	—	753.119	47.584	14.096		814.800
		27.571	13.786	6.552	5.365	9.949	1.277	(64.500)	17.663	17.663	6.356	6.910	4.607	0.437	(53.636)	9.880	19.822	11.893	9.068	2.915	3.604	19.326	5.798	1.130	(83.436)		—	—		
24	GAMBIR - B I	25.891	12.946	6.599	4.998	8.887	0.888	—	19.660	19.660	7.075	7.691	5.231	0.491	—	10.461	20.987	12.592	9.993	3.212	3.630	21.512	6.453	1.270	—	753.119	47.584	14.096		814.800
		25.891	12.946	6.599	4.998	8.887	0.888	(60.199)	19.660	19.660	7.075	7.691	5.231	0.491	(59.808)	10.461	20.987	12.592	9.993	3.212	3.630	21.512	6.453	1.270	(90.110)		—	—		
25	GAMBIR - B II	25.891	12.946	6.599	4.998	8.887	0.888	—	19.660	19.660	7.075	7.691	5.231	0.491	—	10.461	20.987	12.592	9.993	3.212	3.630	21.512	6.453	1.270	—	753.119	47.584	14.096		814.800
		25.891	12.946	6.599	4.998	8.887	0.888	(60.199)	19.660	19.660	7.075	7.691	5.231	0.491	(59.808)	10.461	20.987	12.592	9.993	3.212	3.630	21.512	6.453	1.270	(90.110)		—	—		
26	GAMBIR - B III	20.713	10.356	5.279	3.990	7.110	0.710	—	15.728	15.728	5.660	6.153	4.185	0.393	—	8.368	16.790	10.074	7.995	2.570	2.904	17.209	5.163	1.016	—	602.495	38.067	11.277		651.840
		20.713	10.356	5.279	3.990	7.110	0.710	(48.158)	15.728	15.728	5.660	6.153	4.185	0.393	(47.847)	8.368	16.790	10.074	7.995	2.570	2.904	17.209	5.163	1.016	(72.089)		—	—		
30	SEMANGGI - A I	13.578	6.789	3.902	2.750	4.523	0.466	—	17.170	17.170	6.304	6.584	4.569	0.433	—	6.503	14.133	8.480	7.819	2.616	2.494	16.009	4.803	1.055	—	448.285	28.324	9.390		485.000
		13.578	6.789	3.902	2.750	4.523	0.466	(32.008)	17.170	17.170	6.304	6.584	4.569	0.433	(52.230)	6.503	14.133	8.480	7.819	2.616	2.494	16.009	4.803	1.055	(63.912)		—	—		
31	SEMANGGI - A II	13.578	6.789	3.902	2.750	4.523	0.466	—	17.170	17.170	6.304	6.584	4.569	0.433	—	6.503	14.133	8.480	7.819	2.616	2.494	16.009	4.803	1.055	—	448.285	28.324	8.390		485.000
		13.578	6.789	3.902	2.750	4.523	0.466	(32.008)	17.170	17.170	6.304	6.584	4.569	0.433	(52.230)	6.503	14.133	8.480	7.819	2.616	2.494	16.009	4.803	1.055	(63.912)		—	—		
32	SEMANGGI - A III	2.716	1.358	0.780	0.550	0.905	0.093	—	3.434	3.434	1.261	1.317	0.914	0.087	—	1.301	2.827	1.696	1.564	0.523	0.499	3.202	0.961	0.211	—	69.657	5.665	1.678		97.000
		2.716	1.358	0.780	0.550	0.905	0.093	(64.002)	3.434	3.434	1.261	1.317	0.914	0.087	(10.447)	1.301	2.827	1.696	1.564	0.523	0.499	3.202	0.961	0.211	(82.784)		—	—		
35	SLIPI I	13.431	6.716	4.530	2.640	5.520	0.504	—	12.089	12.089	4.350	3.911	2.769	0.273	—	4.813	9.656	5.794	4.738	1.569	2.491	10.199	3.060	0.639	—	448.285	28.324	8.390		485.000
		13.431	6.716	4.530	2.640	5.520	0.504	(33.341)	12.089	12.089	4.350	3.911	2.769	0.273	(35.481)	4.813	9.656	5.794	4.738	1.569	2.491	10.199	3.060	0.639	(42.959)		—	—		
38	PALMERAH I	11.186	5

| | | |

(2·2) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1979 (TABLE 7-2)

12.782 UPPER: Offered traffic in Erl.
0.496 UNDER: traffic to tandem exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NO	EXCHANGE	NO. OF SUBB	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC	1 KOTA A I	3 KOTA B I	4 KOTA B II	5 KOTA B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	T1 I	19 GAMBIR A I	20 GAMBIR A II	24 GAMBIR B I	25 GAMBIR B II	26 GAMBIR B III	30 SEMANGGI A I	31 SEMANGGI A II	32 SEMANGGI A III	35 SLIPI I	38 PALMERAH I	T2 I
1	KOTA - A I	8500	0.084	714.000	71.179	67.847	67.847	46.863	16.171	24.340	2.755	0.730		47.335	39.039	41.982	41.117		19.657	10.639		28.859	7.398	
					—	—	—	—	—	—	—	—		47.335	39.039	41.982	41.117		19.657	10.639		28.859	7.398	236.002
3	KOTA - B II	9700	0.084	814.800	60.783	83.044	83.044	57.360	17.381	20.994	2.424	0.642		57.361	47.308	50.369	49.330		22.887	12.387		30.402	7.951	—
					—	—	—	—	—	—	—	—		57.361	47.308	50.369	49.330		22.887	12.387		30.402	7.951	277.995
4	KOTA - B III	9700	0.084	814.800	60.783	83.044	83.044	57.360	17.381	20.994	2.424	0.642		57.361	47.308	50.369	49.330		22.887	12.387		30.402	7.951	—
					—	—	—	—	—	—	—	—		57.361	47.308	50.369	49.330		22.887	12.387		30.402	7.951	277.995
5	KOTA - B IV	6700	0.084	562.800	41.984	57.360	57.360	39.620	12.005	14.501	1.674	0.444		39.621	32.677	34.791	34.073		15.809	8.556		21.000	5.492	—
					—	—	—	—	—	—	—	—		39.621	32.677	34.791	34.073		15.809	8.556		21.000	5.492	(19.201)
11	ANCOL - I	4400	0.055	242.000	17.830	21.391	21.391	14.775	9.016	6.283	0.690	0.185		16.659	13.740	14.339	14.043		6.515	3.526		7.910	2.110	—
					—	—	—	—	—	—	—	—		16.659	13.740	14.339	14.043		6.515	3.526		7.910	2.110	(78.842)
13	PLUIT - I	5700	0.055	313.500	29.183	28.096	28.096	19.407	6.832	16.453	1.862	0.488		20.607	16.996	18.277	17.900		8.731	4.725		13.885	3.595	—
					—	—	—	—	—	—	—	—		20.607	16.996	18.277	17.900		8.731	4.725		13.885	3.595	(104.740)
15	CENGKARENG I	1300	0.045	58.500	4.820	4.734	4.734	3.270	1.095	2.717	0.836	0.217		3.876	3.197	3.578	3.504		1.889	1.022		3.034	0.895	—
					—	—	—	—	—	—	—	—		3.876	3.197	3.578	3.504		1.889	1.022		3.034	0.895	(20.996)
17	TEGAL ALUR I	730	0.035	25.550	2.064	2.028	2.028	1.400	0.474	1.152	0.351	0.258		1.660	1.369	1.563	1.531		0.834	0.451		1.313	0.415	—
					—	—	—	—	—	—	—	—		1.660	1.369	1.563	1.531		0.834	0.451		1.313	0.415	(9.130)
	T1 - I				366.939	481.384	481.384	332.508	124.051	134.790	18.380	4.998												
					—	—	—	—	—	—	—	—												
19	GAMBIR - A I	9700	0.084	814.800	39.904	53.975	53.975	37.282	12.737	14.469	1.868	0.495	—	78.142	64.447	69.306	67.877		31.179	16.875		30.075	9.230	
					39.904	53.975	53.975	37.282	12.737	14.469	1.868	0.495	(214.725)	—	—	—	—		—	—		—	—	
20	GAMBIR - A II	8000	0.084	672.000	32.910	44.516	44.516	30.748	10.505	11.950	1.540	0.408	—	64.447	53.152	57.159	55.981		25.714	13.918		24.804	7.612	
					32.910	44.516	44.516	30.748	10.505	11.950	1.540	0.408	(177.093)	—	—	—	—		—	—		—	—	
24	GAMBIR - B I	9700	0.084	814.800	36.197	48.474	48.474	33.482	11.213	13.143	1.763	0.477	—	70.883	58.460	79.921	78.273		35.242	19.074		29.553	9.727	
					36.197	48.474	48.474	33.482	11.213	13.143	1.763	0.477	(193.223)	—	—	—	—		—	—		—	—	
25	GAMBIR - B II	9500	0.084	798.000	35.461	47.475	47.475	32.792	10.981	12.872	1.727	0.467	—	69.422	57.255	78.273	76.659		34.515	18.681		28.944	9.527	
					35.461	47.475	47.475	32.792	10.981	12.872	1.727	0.467	(189.240)	—	—	—	—		—	—		—	—	
26	GAMBIR - B III																							
30	SEMANGGI - A I	9700	0.050	485.000	19.310	25.095	25.095	17.334	5.605	7.153	1.061	0.289	—	36.331	29.963	40.152	39.324		32.261	17.461		17.423	7.218	
					19.310	25.095	25.095	17.334	5.605	7.153	1.061	0.289	(101.142)	—	—	—	—		—	—		—	—	
31	SEMANGGI - A II	5250	0.050	262.500	10.451	13.582	13.582	9.382	3.142	3.871	0.574	0.157	—	19.663	16.217	21.731	21.283		17.461	9.451		9.430	3.907	
					10.451	13.582	13.582	9.382	3.142	3.871	0.574	0.157	(54.741)	—	—	—	—		—	—		—	—	
32	SEMANGGI - A III																							
35	SLIPI - I	9080	0.050	454.000	28.162	33.117	33.117	22.874	7.001	11.301	1.692	0.453	—	34.814	28.713	33.449	32.700		17.309	9.368		28.084	7.199	
					28.162	33.117	33.117	22.874	7.001	11.301	1.692	0.453	(137.717)	—	—	—	—		—	—		—	—	
38	PALMERAH - I	3870	0.045	165.150	8.279	9.933	9.933	6.861	2.142	3.356	0.572	0.164	—	12.254	10.106	12.627	12.367		8.224	4.451		8.256	4.262	
					8.279	9.933	9.933	6.861	2.142	3.356	0.572	0.164	(41.240)	—	—	—	—		—	—		—	—	
	T2 - I													483.001	406.638	469.040	459.372		259.330	140.361		250.695	78.866	
														—	—	—	—		—	—		—	—	
42	CEMPAKAPUTIH I	9700	0.055	533.500	26.929	36.791	36.791	25.412	10.711	9.208	1.086	0.290	—	41.898	34.555	39.066	38.260		18.476	10.000		16.451	4.999	—
					26.929	36.791	36.791	25.412	10.711	9.208	1.086	0.290	(347.239)	41.898	34.555	39.066	38.260		18.476	10.000		16.451	4.999	(203.733)
43	CEMPAKAPUTIH II	1000	0.055	55.000	2.776	3.793	3.793	2.620	1.104	0.949	0.113	0.030	—	4.319	3.562	4.027	3.944		1.905	1.031		1.696	0.515	—
					2.776	3.793	3.793	2.620	1.104	0.949	0.113	0.030	(15.178)	4.319	3.562	4.027	3.944		1.905	1.031		1.696	0.515	(20.918)
46	RAWAMANGUN I	4520	0.045	203.400	8.577	11.718	11.718	8.094	3.480	2.933	0.356	0.092	—	14.456	11.923	14.456	14.158		7.709	4.172		8.055	1.831	—
					8.577	11.718	11.718	8.094	3.480	2.933	0.356	0.092	(46.968)	14.456	11.923	14.456	14.158		7.709	4.172		8.055	1.831	(76.760)
48	PULOGADUNG I	470	0.045	21.150	1.090	1.417	1.417	0.979	0.530	0.380	0.043	0.012	—	1.475	1.216	1.361	1.333		0.677	0.366		0.585	0.174	—
					1.090	1.417	1.417	0.979	0.530	0.380	0.043	0.012	(5.868)	1.475	1.216	1.361	1.333		0.677	0.366		0.585	0.174	(7.182)
51	TG PRIOK - A I	8300	0.064	531.199	33.528	40.223	40.223	27.783	16.953	12.296	1.392	0.369	—	33.597	27.709	29.798	29.184		13.676	7.402		15.023	4.049	—
					33.528	40.223	40.223	27.783	16.953	12.296	1.392	0.369	(172.767)	33.597	27.709	29.798	29.184		13.676	7.402		15.023	4.049	(160.470)
55	CILINCING - I	870	0.058	47.850	2.661	3.193	3.193	2.205	1.332	0.957	0.105	0.028	—	3.861	3.184	2.867	2.612		1.261	0.683		1.229	0.345	—
					2.661	3.193	3.193	2.205	1.332	0.957	0.105	0.028	(13.674)	3.861	3.184	2.867	2.612		1.261	0.683		1.229	0.345	(15.841)
	T3 - I																							
57	KEBAYORAN - A I	9700	0.050	485.000	18.398	23.897	23.897	16.506	5.258	7.161	1.173	0.344	—	32.582	26.871	36.008	35.266		28.359	15.349		17.974	8.738	—
					18.398	23.897	23.897	16.506	5.258	7.161	1.173	0.344	(96.624)	32.582	26.871	36.008	35.266		28.359	15.349		17.974	8.738	(201.140)
58	KEBAYORAN - A II	6400	0.050	320.000	12.132	15.767	15.767	10.891	3.469	4.725	0.774	0.227	—	21.497	17.730	23.758	23.268		18.711	10.127		11.859	5.765	—
					12.132	15.767	15.767	10.891	3.469	4.725	0.774	0.227	(63.752)	21.497	17.730	23.758	23.268		18.711	10.127		11.859	5.765	(132.719)
61	CIPETE I	2400	0.045	108.000	3.803	4.797	4.797	3.313	1.099	1.511	0.263	0.083	—	6.807	5.614	7.523	7.368		6.045	3.272		3.756	1.881	—
					3.803	4.797	4.797	3.313	1.099	1.511	0.263	0.083	(19.666)	6.807	5.614	7.523	7.368		6.045	3.272		3.756	1.881	(42.264)
63	KALIBATA I	4550	0.045	204.750	6.967	9.382	9.382	6.480	2.281	2.595	0.381	0.106	—	13.503	11.202	15.011	14.702		11.589	6.272		6.196	2.753	—
					6.967	9.382	9.382	6.480	2.281	2.595	0.381	0.106	(37.474)	13.503	11.202	15.011	14.702		11.589	6.272		6.196	2.753	(81.301)
65	PASARMINGGU I	1600	0.040	64.000	2.083	2.762	2.762	1.908	0.665	0.778	0.121	0.035	—	3.919	3.232	4.419	4.328		3.480	1.884		1.898	0.914	—
					2.083	2.762	2.762	1.908	0.665	0.778	0.121	0.035	(11.106)	3.919	3.232	4.419	4.328		3.480	1.884		1.898	0.914	(24.076)
67	JAGAKARSA I	5300	0.035	19.250	0.609	0.808	0.808	0.558	0.193	0.237	0.040	0.012	—	1.169	0.964	1.305	1.278		1.038	0.562		0.590	0.289	—
					0.609	0.808	0.808	0.558	0.193	0.237	0.040	0.012	(3.265)	1.169	0.964	1.305	1.278		1.038	0.562		0.590	0.289	(7.195)
	T4 - I																							
69	JATINEGARA - A I	3500	0.055	192.500	7.723	10.764	10.764	7.435	2.664	2.721	0.347	0.091	—	14.533	11.983	15.275	14.960		8.563	4.634		5.705	1.984	—
					7.723	10.764	10.764	7.435	2.664	2.721	0.347	0.091	(42.709)	14.533	11.983	15.275	14.960		8.563	4.634		5.705	1.984	(77.644)
71	JATINEGARA - B I	6100	0.055	335.500	12.698	17.699	17.699	12.225	4.804	4.342	0.565	0.148	—	23.418	19.314	24.619	24.111		14.950	8.091		9.195	3.412	—
					12.698	17.699	17.699	12.225	4.804	4.342	0.565	0.148	(70.180)	23.418	19.314	24.619	24.111		14.950	8.091		9.195	3.412	(127.115)
72	JATINEGARA - B II																							
74	CAWANG I	2300	0.050	115.000	3.838	5.244	5.244	3.622	1.354	1.380	0.195	0.053	—	7.517	6.199	8.225	8.055		5.803	3.141		3.165	1.311	—
					3.838	5.244	5.244	3.622	1.354	1.380	0.195	0.053	(20.931)	7.517	6.199	8.225	8.055		5.803	3.141		3.165	1.311	(43.411)
76	PASAR REBO I	910	0.045	40.950	1.314	1.777	1.777	1.227	0.468	0.472	0.067	0.019	—	2.547	2.101	2.787	2.729		2.047	1.108		1.105	0.486	—
					1.314	1.777	1.777	1.227	0.468	0.472	0.067	0.019	(7.121)	2.547	2.101	2.787	2.729		2.047	1.108		1.105	0.486	(14.910)
78	KLENDER I	700	0.040	28.000	1.083	1.438	1.438	0.994	0.449	0.367	0.045	0.012	—	1.866	1.539	1.866	1.827		1.156	0.626		1.039	0.261	—
					1.083	1.438	1.438	0.994	0.449	0.367	0.045	0.012	(5.828)	1.866	1.539	1.866	1.827		1.156	0.626		1.039	0.261	(10.180)
					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		12.975	7.001		7.418	2.994	—

NO	EXCHANGE	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 RAWAMANGUN I	48 PULOGADUNG I	51 TG PRIOKA I	55 CILINCING I	T3 I	57 KEBAYORAN I	58 KEBAYORAN II	61 CIPETE I	63 KALIBATA I	65 PASAR MINGGU I	67 JAGAKARSA I	T4 I	69 JATINEGARA I	71 JATINEGARA II	72 JATINEGARA III	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	81 TEBET II	83 CENGKARENG I	T5 I	SUBTOTAL	85 SLDD	86 IOX	TANDEM TRAFFIC	TOTAL
1	KOTA - A I	27.765	2.862	9.096	0.753	22.186	1.237	—	15.619	10.305	1.967	5.135	1.055	0.202	—	7.422	10.590		2.458	0.552	0.592	8.050		0.352	—	659.950	41.698	12.352			714.000
		27.765	2.862	7.096	0.753	22.186	1.237	(61.899)	15.619	10.305	1.967	5.135	1.055	0.202	(54.283)	7.422	10.590		2.458	0.552	0.592	8.050		0.352	(30.016)		—	—			
3	KOTA - B II	33.984	3.503	8.685	0.876	23.845	1.329	—	18.185	11.998	2.222	6.285	1.253	0.240	—	9.268	13.224		3.008	0.670	0.704	9.756		0.422	—	753.119	47.584	14.096			814.000
		33.984	3.503	8.685	0.876	23.845	1.329	72.222	18.185	11.998	2.222	6.285	1.253	0.240	(40.183)	9.268	13.224		3.008	0.670	0.704	9.756		0.422	(37.052)		—	—			
4	KOTA - B III	33.984	3.503	8.685	0.876	23.845	1.329	—	18.185	11.998	2.222	6.285	1.253	0.240	—	9.268	13.224		3.008	0.670	0.704	9.756		0.422	—	753.119	47.584	14.096			814.000
		33.984	3.503	8.685	0.876	23.845	1.329	(72.222)	18.185	11.998	2.222	6.285	1.253	0.240	(40.183)	9.268	13.224		3.008	0.670	0.704	9.756		0.422	(37.052)		—	—			
5	KOTA - B IV	23.473	2.420	5.999	0.605	16.470	0.918	—	12.560	8.287	1.535	4.341	0.865	0.166	—	6.401	9.134		2.078	0.462	0.486	6.738		0.292	—	521.196	302.857	9.736			562.800
		23.473	2.420	5.999	0.605	16.470	0.918	(49.885)	12.560	8.287	1.535	4.341	0.865	0.166	(27.754)	6.401	9.134		2.078	0.462	0.486	6.738		0.292	(25.591)		—	—			
11	ANCOL - I	12.176	1.255	3.175	0.403	12.369	0.683	—	4.924	3.249	0.626	1.881	0.371	0.070	—	3.035	4.418		0.956	0.217	0.270	3.069		0.131	—	223.601	14.133	4.187			242.000
		12.176	1.255	3.175	0.403	12.369	0.683	(30.061)	4.924	3.249	0.626	1.881	0.371	0.070	(11.121)	3.035	4.418		0.956	0.217	0.270	3.069		0.131	(12.096)		—	—			
13	PLUIT - I	7.292	4.812	0.937	2.327	0.468	0.094	—	7.292	4.812	0.937	2.327	0.468	0.094	—	3.136	4.342		1.059	0.238	0.240	3.470		0.152	—	289.768	18.308	5.424			313.500
		7.292	4.812	0.937	2.327	0.468	0.094	(15.930)	7.292	4.812	0.937	2.327	0.468	0.094	(15.930)	3.136	4.342		1.059	0.238	0.240	3.470		0.152	(12.637)		—	—			
15	CENGKARENG I	1.744	1.151	0.238	0.498	0.108	0.023	—	1.744	1.151	0.238	0.498	0.108	0.023	—	0.584	0.825		0.218	0.050	0.043	0.693		0.034	—	54.072	3.416	1.012			58.500
		1.744	1.151	0.238	0.498	0.108	0.023	(3.762)	1.744	1.151	0.238	0.498	0.108	0.023	(3.762)	0.584	0.825		0.218	0.050	0.043	0.693		0.034	(2.447)		—	—			
17	TEGAL ALUR I	0.846	0.087	0.216	0.024	0.690	0.037	—	0.825	0.575	0.121	0.224	0.050	0.011	—	0.248	0.350		0.095	0.023	0.018	0.300		0.016	—	23.616	1.492	0.442			25.550
		0.846	0.087	0.216	0.024	0.690	0.037	(1.900)	0.825	0.575	0.121	0.224	0.050	0.011	(1.776)	0.248	0.350		0.095	0.023	0.018	0.300		0.016	(1.050)		—	—			
	T1 - I																												(1944.457)	
19	GAMBIR - A I	23.332	15.393	2.967	8.562	1.673	0.327	—	11.776	16.465		4.057	0.903	0.859	13.027		0.569	—	753.119	47.584	14.096									814.800
		23.332	15.393	2.967	8.562	1.673	0.327	(52.252)	11.776	16.465		4.057	0.903	0.859	13.027		0.569	(47.652)		—	—									
20	GAMBIR - A II	19.241	12.695	2.447	7.062	1.380	0.270	—	9.708	13.579		3.346	0.745	0.708	10.744		0.469	—	621.129	39.245	11.626									672.000
		19.241	12.695	2.447	7.062	1.380	0.270	(43.095)	9.708	13.579		3.346	0.745	0.708	10.744		0.469	(39.299)		—	—									
24	GAMBIR - B I	26.370	17.399	3.354	9.678	1.929	0.374	—	12.657	17.703		4.540	1.010	0.878	14.724		0.650	—	753.119	47.584	14.096									814.800
		26.370	17.399	3.354	9.678	1.929	0.374	(59.104)	12.657	17.703		4.540	1.010	0.878	14.724		0.650	(52.162)		—	—									
25	GAMBIR - B II	25.827	17.040	3.285	9.479	1.889	0.366	—	12.396	17.338		4.447	0.990	0.860	14.421		0.636	—	737.591	46.603	13.805									798.000
		25.827	17.040	3.285	9.479	1.889	0.366	(57.886)	12.396	17.338		4.447	0.990	0.860	14.421		0.636	(51.088)		—	—									
26	GAMBIR - B III																													
30	SEMANGGI - A I	18.712	1.929	6.264	0.459	8.889	0.576	—	23.662	15.612	3.071	8.512	1.731	0.339	—	8.083	12.248		3.650	0.845	0.620	11.259		0.555	—	448.285	28.324	8.390			485.000
		18.712	1.929	6.264	0.459	8.889	0.576	(36.829)	23.662	15.612	3.071	8.512	1.731	0.339	(52.927)	8.083	12.248		3.650	0.845	0.620	11.259		0.555	(13.260)		—	—			
31	SEMANGGI - A II	10.128	1.044	3.391	0.248	4.811	0.312	—	12.807	8.450	1.662	4.607	0.937	0.183	—	4.375	6.629		1.975	0.458	0.336	6.094		0.300	—	242.629	15.330	4.541			262.500
		10.128	1.044	3.391	0.248	4.811	0.312	(19.934)	12.807	8.450	1.662	4.607	0.937	0.183	(28.646)	4.375	6.629		1.975	0.458	0.336	6.094		0.300	(20.167)		—	—			
32	SEMANGGI - A III																													
35	SLIPI - I	16.553	1.706	6.503	0.394	9.701	0.557	—	14.898	9.830	1.895	4.522	0.938	0.191	—	5.350	7.484		1.978	0.454	0.554	6.414		0.301	—	419.632	20.514	7.854			454.000
		16.553	1.706	6.503	0.394	9.701	0.557	(35.417)	14.898	9.830	1.895	4.522	0.938	0.191	(32.274)	5.350	7.484		1.978	0.454	0.554	6.414		0.301	(22.535)		—	—			
38	PALMERAH - I	5.768	0.595	1.696	0.135	2.998	0.179	—	8.307	5.481	1.089	2.304	0.518	0.108	—	2.145	3.185		0.940	0.229	0.160	2.870		0.168	—	152.648	9.645	2.857			165.150
		5.768	0.595	1.696	0.135	2.998	0.179	(11.371)	8.307	5.481	1.089	2.304	0.518	0.108	(17.807)	2.145	3.185		0.940	0.229	0.160	2.870		0.168	(9.687)		—	—			
	T2 - I																												(2567.383)	
42	CEMPAKAPUTIH I	—	3.973	9.850	0.908	18.128	1.151	—	13.551	8.941	1.812	5.895	1.140	0.216	—	9.511	13.984		3.056	0.687	0.798	9.619		0.420	—	493.114	31.156	9.250			533.500
		—	3.973	9.850	0.908	18.128	1.151	—	13.551	8.941	1.812	5.895	1.140	0.216	(31.555)	9.511	13.984		3.056	0.687	0.798	9.619		0.420	(38.075)		—	—			
43	CEMPAKAPUTIH II	—	0.410	1.015	0.084	1.869	0.119	—	1.397	0.922	0.187	0.608	0.118	0.022	—	0.980	1.442		0.315	0.071	0.082	0.992		0.043	—	50.830	3.212	0.951			55.000
		—	0.410	1.015	0.084	1.869	0.119	—	1.397	0.922	0.187	0.608	0.118	0.022	(3.254)	0.980	1.442		0.315	0.071	0.082	0.992		0.043	(3.925)		—	—			
46	RAWAMANGUN I	12.270	1.266	6.982	0.463	7.340	0.573	—	5.711	3.768	0.852	3.004	0.617	0.116	—	4.761	8.532		1.828	0.423	0.566	4.951		0.254	—	188.001	11.679	3.519			203.400
		—	—	—	—	—	—	—	5.711	3.768	0.852	3.004	0.617	0.116	(14.068)	4.761	8.532		1.828	0.423	0.566	4.951		0.254	(12.130)		—	—			
48	PULOGADUNG I	1.357	0.140	0.556	0.090	1.337	0.111	—	0.492	0.324	0.061	0.244	0.049	0.003	—	0.397	0.678		0.145	0.035	0.053	0.401		0.020	—	19.549	1.235	0.366			21.150
		—	—	—	—	—	—	—	0.492	0.324	0.061	0.244	0.049	0.003	(1.173)	0.397	0.678		0.145	0.035	0.053	0.401		0.020	(1.729)		—	—			
51	TG PRIOK - A I	28.241	2.912	9.177	1.395	59.540	3.221		10.132	6.685	1.302	4.321	0.861	0.160	—	7.182	11.326		2.426	0.551	0.822	7.192		0.330	—	490.908	31.022	9.190			531.199
		—	—	—	—	—	—		10.132	6.685	1.302	4.321	0.861	0.160	(23.460)	7.182	11.326		2.426	0.551	0.822	7.192		0.330	(26.829)		—	—			
55	CILINCING - I	2.553	0.263	1.023	0.165	4.587	0.088		0.925	0.610	0.127	0.440	0.090	0.017	—	0.732	1.251		0.273	0.067	0.110	0.748		0.040	—	44.228	2.794	0.828			47.850
		—	—	—	—	—	—		0.925	0.610	0.127	0.440	0.090	0.017	(2.209)	0.732	1.251		0.273	0.067	0.110	0.748		0.040	(3.221)		—	—			
	T3 - I								(422.115)	(4.351.31)	(13.038)	(1.838)	(249.405)	(15.849)															(8.872.756)	
									—	—	—	—	—	—																
57	KEBAYORAN - A I	16.449	1.696	5.562	0.399	7.893	0.506	—	38.660	25.571	4.821	10.000	2.339	0.496		7.322	11.432		4.038	1.023	0.590	11.048		0.727	—	448.285	28.324

| | | |

(2-3) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1983 (TABLE 8-1)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tandem exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NEW

| NO | EXCHANGE | NO OF SUBS | ORIGINATING CALLING RATE | ORIGINATING TRAFFIC | 1 | 3 | 4 | 5 | 11 | 13 | 15 | 17 | 19 | 20 | 24 | 25 | 26 | 30 | 31 | 32 | 35 | 36 | 42 | 43 | 46 | 48 | 51 | 55 | 57 | 58 | 61 | 63 | 65 | 67 | 68 | 71 | 72 | 74 | 76 | 79 | 80 | 81 | 83 | 2 | 6 | 7 | 8 | 9 | 10 | 12 | 14 | 16 | 18 | 21 | 22 | 23 | 27 | 28 | 29 | 33 | 34 | 36 | 37 | 38 | 40 | 41 | 44 | 45 | 47 | 49 | 50 | 52 | 53 | 54 | 56 | 59 | 60 | 62 | 64 | 66 | 68 | 70 | 73 | 75 | 77 | 79 | 82 | 84 | 85 | 86 | TOTAL |
|---|---|---

| | | |

(2-4) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1988 (TABLE 8-2)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tanden exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NEW

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA - A E	[illegible]	[illegible]	[illegible]
1	KOTA - B I	[illegible]	[illegible]	[illegible]
1	KOTA - D E	[illegible]	[illegible]	[illegible]
1	KOTA - D III	[illegible]	[illegible]	[illegible]
1	ANGOL I	[illegible]	[illegible]	[illegible]
1	PUJIT I	[illegible]	[illegible]	[illegible]
1	CONCEPCION E	[illegible]	[illegible]	[illegible]
1	TERAL ALTO E	[illegible]	[illegible]	[illegible]
TL - 1				
1	CAMBIO - A I	[illegible]	[illegible]	[illegible]
1	CAMBIO - B E	[illegible]	[illegible]	[illegible]
1	CAMBIO - D I	[illegible]	[illegible]	[illegible]
1	CAMBIO - D E	[illegible]	[illegible]	[illegible]
1	CAMBIO - D III			
1	CAMANCHACA E	[illegible]	[illegible]	[illegible]
1	CAMANCHACA E	[illegible]	[illegible]	[illegible]
1	CAMANCHACA A E	[illegible]	[illegible]	[illegible]
1	LIRIS I	[illegible]	[illegible]	[illegible]
1	PALMERAS I	[illegible]	[illegible]	[illegible]
TL - 2				
1	CONCEPCION I	[illegible]	[illegible]	[illegible]
1	CONCEPCION E	[illegible]	[illegible]	[illegible]
1	HUALPENCIN I	[illegible]	[illegible]	[illegible]
1	HUALPENCIN I	[illegible]	[illegible]	[illegible]
1	EL PATO I	[illegible]	[illegible]	[illegible]
1	CALAMA I	[illegible]	[illegible]	[illegible]
TL - 3				
1	KENNEDY - A I	[illegible]	[illegible]	[illegible]
1	KENNEDY - B I	[illegible]	[illegible]	[illegible]
1	LIRIS I	[illegible]	[illegible]	[illegible]
1	VALDIVIA I	[illegible]	[illegible]	[illegible]
1	MAYAN HOTEL I	[illegible]	[illegible]	[illegible]
1	LAGUNITAS I	[illegible]	[illegible]	[illegible]
TL - 4				
1	LATINOAMERICA - A I	[illegible]	[illegible]	[illegible]
1	LATINOAMERICA - B I	[illegible]	[illegible]	[illegible]
1	LATINOAMERICA - D I			
1	CHAPELA I	[illegible]	[illegible]	[illegible]
1	PUERTO MONTT I	[illegible]	[illegible]	[illegible]
1	PALENA I	[illegible]	[illegible]	[illegible]
1	PUERTO I	[illegible]	[illegible]	[illegible]
1	CONCEPCION I	[illegible]	[illegible]	[illegible]
TL - 5				
1	[illegible] A	[illegible]	[illegible]	[illegible]
1	[illegible] B			
1	[illegible] D			
1	[illegible] E			
1	[illegible] I			
1	[illegible] I			
1	[illegible] I			
1	[illegible] I			
1	[illegible] I			
TL - 6				
1	[illegible] A			
1	[illegible] B			
1	[illegible] C			
1	[illegible] D			
1	[illegible] E			
1	[illegible] F			
1	[illegible] G			
1	[illegible] H			
1	[illegible] I			
1	[illegible] J			
1	[illegible] K			
1	[illegible] L			
1	[illegible] M			
1	[illegible] N			
1	[illegible] O			
1	[illegible] P			
1	[illegible] Q			
1	[illegible] R			
TL - 7				
1	[illegible] A			
1	[illegible] B			
1	[illegible] C			
1	[illegible] D			
1	[illegible] E			
1	[illegible] F			
1	[illegible] G			
1	[illegible] H			
1	[illegible] I			
1	[illegible] J			
1	[illegible] K			
1	[illegible] L			
1	[illegible] M			
1	[illegible] N			
1	[illegible] O			
1	[illegible] P			
1	[illegible] Q			
1	[illegible] R			
TL - 8				
1	[illegible] A			
1	[illegible] B			
1	[illegible] C			
1	[illegible] D			
1	[illegible] E			
1	[illegible] F			
1	[illegible] G			
1	[illegible] H			
1	[illegible] I			
1	[illegible] J			
1	[illegible] K			
1	[illegible] L			
1	[illegible] M			
1	[illegible] N			
1	[illegible] O			
1	[illegible] P			
1	[illegible] Q			
1	[illegible] R			
TL - 9				

NO	EXCHANGE	TOTAL
1	KOTA - A E	[illegible]
1	KOTA - B I	[illegible]
1	KOTA - D E	[illegible]
1	KOTA - D III	[illegible]
1	ANGOL I	[illegible]
1	PUJIT I	[illegible]
1	CONCEPCION E	[illegible]
1	TERAL ALTO E	[illegible]
TL - 1		
1	CAMBIO - A I	[illegible]
1	CAMBIO - B E	[illegible]
1	CAMBIO - D I	[illegible]
1	CAMBIO - D E	[illegible]
1	CAMBIO - D III	
1	CAMANCHACA E	[illegible]
1	CAMANCHACA E	[illegible]
1	CAMANCHACA A E	[illegible]
1	LIRIS I	[illegible]
1	PALMERAS I	[illegible]
TL - 2		
1	CONCEPCION I	[illegible]
1	CONCEPCION E	[illegible]
1	HUALPENCIN I	[illegible]
1	HUALPENCIN I	[illegible]
1	EL PATO I	[illegible]
1	CALAMA I	[illegible]
TL - 3		
1	KENNEDY - A I	[illegible]
1	KENNEDY - B I	[illegible]
1	LIRIS I	[illegible]
1	VALDIVIA I	[illegible]
1	MAYAN HOTEL I	[illegible]
1	LAGUNITAS I	[illegible]
TL - 4		
1	LATINOAMERICA - A I	[illegible]
1	LATINOAMERICA - B I	[illegible]
1	LATINOAMERICA - D I	
1	CHAPELA I	[illegible]
1	PUERTO MONTT I	[illegible]
1	PALENA I	[illegible]
1	PUERTO I	[illegible]
1	CONCEPCION I	[illegible]
TL - 5		
1	[illegible] A	[illegible]
1	[illegible] B	[illegible]
1	[illegible] D	[illegible]
1	[illegible] E	[illegible]
1	[illegible] I	[illegible]
1	[illegible] I	[illegible]
1	[illegible] I	[illegible]
1	[illegible] I	[illegible]
1	[illegible] I	[illegible]
TL - 6		
1	[illegible] A	[illegible]
1	[illegible] B	[illegible]
1	[illegible] C	[illegible]
1	[illegible] D	[illegible]
1	[illegible] E	[illegible]
1	[illegible] F	[illegible]
1	[illegible] G	[illegible]
1	[illegible] H	[illegible]
1	[illegible] I	[illegible]
1	[illegible] J	[illegible]
1	[illegible] K	[illegible]
1	[illegible] L	[illegible]
1	[illegible] M	[illegible]
1	[illegible] N	[illegible]
1	[illegible] O	[illegible]
1	[illegible] P	[illegible]
1	[illegible] Q	[illegible]
1	[illegible] R	[illegible]
TL - 7		
1	[illegible] A	[illegible]
1	[illegible] B	[illegible]
1	[illegible] C	[illegible]
1	[illegible] D	[illegible]
1	[illegible] E	[illegible]
1	[illegible] F	[illegible]
1	[illegible] G	[illegible]
1	[illegible] H	[illegible]
1	[illegible] I	[illegible]
1	[illegible] J	[illegible]
1	[illegible] K	[illegible]
1	[illegible] L	[illegible]
1	[illegible] M	[illegible]
1	[illegible] N	[illegible]
1	[illegible] O	[illegible]
1	[illegible] P	[illegible]
1	[illegible] Q	[illegible]
1	[illegible] R	[illegible]
TL - 8		
1	[illegible] A	[illegible]
1	[illegible] B	[illegible]
1	[illegible] C	[illegible]
1	[illegible] D	[illegible]
1	[illegible] E	[illegible]
1	[illegible] F	[illegible]
1	[illegible] G	[illegible]
1	[illegible] H	[illegible]
1	[illegible] I	[illegible]
1	[illegible] J	[illegible]
1	[illegible] K	[illegible]
1	[illegible] L	[illegible]
1	[illegible] M	[illegible]
1	[illegible] N	[illegible]
1	[illegible] O	[illegible]
1	[illegible] P	[illegible]
1	[illegible] Q	[illegible]
1	[illegible] R	[illegible]
TL - 9		

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(2·5) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1993 (TABLE 8-3)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tandem exchanges in Erl.
( ) Tandem traffic in Erl.

OLD

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA - A I	8556	0.556	475.500
2	KOTA - B I	5.750	0.556	463.250
3	KOTA - B II	6.750	0.556	543.250
4	KOTA - B III	6.750	0.556	543.250
5	KOTA - B IV	4.766	0.556	373.250
6	ANCOL I	4.000	0.556	158.500
7	PLUIT I	3.750	0.556	250.250
8	CENGKARENG I	1.000	0.556	56.000
9	TERMINAL BUS I	150	0.556	12.750
	TOTAL			
10	GAMBIR - A I	4.750	0.556	375.500
11	GAMBIR - B I	4.500	0.556	350.000
12	GAMBIR - B II	5.750	0.556	463.250
13	GAMBIR - B III	3.750	0.556	250.250
14	GAMBIR - B IV			
15	SEMARANG - A I	3.750	0.556	250.250
16	SEMARANG - A II	2.250	0.556	125.000
17	SEMARANG - A III			
18	SLIPI I	4.000	0.556	222.250
19	PALMERAH I	3.000	0.556	166.750
	TOTAL			
20	TEMPARAN - TIM I	2.000	0.556	111.250
21	TEMPARAN - TIM II	1.000	0.556	55.500
22	MATRAMAN I	2.000	0.556	111.250
23	PULOGADUNG I	1.750	0.556	97.250
24	PS PRIOK - A I	2.000	0.556	111.250
25	TANJUNG PRIOK I	0.750	0.556	41.750
	TOTAL			
26	JATINEGARA - A I	2.000	0.556	111.250
27	JATINEGARA - B I	1.750	0.556	97.250
28	JATINEGARA - B II	1.000	0.556	55.500
29	CAWANG I	1.000	0.556	55.500
30	PASAR REBO I	0.500	0.556	27.750
31	PASAR SENEN I	0.250	0.556	13.900
32	TEBET I	3.000	0.556	166.750
33	TEBET II			
34	CONNECTA I	1.000	0.556	55.500
	TOTAL			
35	KOTA - A I	1.000	0.556	55.500
36	KOTA - B I	1.000	0.556	55.500
37	KOTA - B II	1.000	0.556	55.500
38	KOTA - B III	1.000	0.556	55.500
39	KOTA - B IV	1.000	0.556	55.500
40	ANCOL I	1.000	0.556	55.500
41	PLUIT I	1.000	0.556	55.500
42	CENGKARENG I	1.000	0.556	55.500
43	TERMINAL BUS I	1.000	0.556	55.500
44	GAMBIR - A I	1.000	0.556	55.500
45	GAMBIR - B I	1.000	0.556	55.500
46	GAMBIR - B II	1.000	0.556	55.500
47	GAMBIR - B III	1.000	0.556	55.500
48	GAMBIR - B IV	1.000	0.556	55.500
49	SEMARANG - A I	1.000	0.556	55.500
50	SEMARANG - A II	1.000	0.556	55.500
51	SEMARANG - A III	1.000	0.556	55.500
52	SLIPI I	1.000	0.556	55.500
53	PALMERAH I	1.000	0.556	55.500
54	TEMPARAN - TIM I	1.000	0.556	55.500
55	TEMPARAN - TIM II	1.000	0.556	55.500
56	MATRAMAN I	1.000	0.556	55.500
57	PULOGADUNG I	1.000	0.556	55.500
58	PS PRIOK - A I	1.000	0.556	55.500
59	TANJUNG PRIOK I	1.000	0.556	55.500
60	JATINEGARA - A I	1.000	0.556	55.500
61	JATINEGARA - B I	1.000	0.556	55.500
62	JATINEGARA - B II	1.000	0.556	55.500
63	CAWANG I	1.000	0.556	55.500
64	PASAR REBO I	1.000	0.556	55.500
65	PASAR SENEN I	1.000	0.556	55.500
66	TEBET I	1.000	0.556	55.500
67	CONNECTA I	1.000	0.556	55.500
	TOTAL			

NEW

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA - A I	8556	0.556	475.500
2	KOTA - B I	5.750	0.556	463.250
3	KOTA - B II	6.750	0.556	543.250
4	KOTA - B III	6.750	0.556	543.250
5	KOTA - B IV	4.766	0.556	373.250
6	ANCOL I	4.000	0.556	158.500
7	PLUIT I	3.750	0.556	250.250
8	CENGKARENG I	1.000	0.556	56.000
9	TERMINAL BUS I	150	0.556	12.750
	TOTAL			
10	GAMBIR - A I	4.750	0.556	375.500
11	GAMBIR - B I	4.500	0.556	350.000
12	GAMBIR - B II	5.750	0.556	463.250
13	GAMBIR - B III	3.750	0.556	250.250
14	GAMBIR - B IV			
15	SEMARANG - A I	3.750	0.556	250.250
16	SEMARANG - A II	2.250	0.556	125.000
17	SEMARANG - A III			
18	SLIPI I	4.000	0.556	222.250
19	PALMERAH I	3.000	0.556	166.750
	TOTAL			
20	TEMPARAN - TIM I	2.000	0.556	111.250
21	TEMPARAN - TIM II	1.000	0.556	55.500
22	MATRAMAN I	2.000	0.556	111.250
23	PULOGADUNG I	1.750	0.556	97.250
24	PS PRIOK - A I	2.000	0.556	111.250
25	TANJUNG PRIOK I	0.750	0.556	41.750
	TOTAL			
26	JATINEGARA - A I	2.000	0.556	111.250
27	JATINEGARA - B I	1.750	0.556	97.250
28	JATINEGARA - B II	1.000	0.556	55.500
29	CAWANG I	1.000	0.556	55.500
30	PASAR REBO I	0.500	0.556	27.750
31	PASAR SENEN I	0.250	0.556	13.900
32	TEBET I	3.000	0.556	166.750
33	TEBET II			
34	CONNECTA I	1.000	0.556	55.500
	TOTAL			
35	KOTA - A I	1.000	0.556	55.500
36	KOTA - B I	1.000	0.556	55.500
37	KOTA - B II	1.000	0.556	55.500
38	KOTA - B III	1.000	0.556	55.500
39	KOTA - B IV	1.000	0.556	55.500
40	ANCOL I	1.000	0.556	55.500
41	PLUIT I	1.000	0.556	55.500
42	CENGKARENG I	1.000	0.556	55.500
43	TERMINAL BUS I	1.000	0.556	55.500
44	GAMBIR - A I	1.000	0.556	55.500
45	GAMBIR - B I	1.000	0.556	55.500
46	GAMBIR - B II	1.000	0.556	55.500
47	GAMBIR - B III	1.000	0.556	55.500
48	GAMBIR - B IV	1.000	0.556	55.500
49	SEMARANG - A I	1.000	0.556	55.500
50	SEMARANG - A II	1.000	0.556	55.500
51	SEMARANG - A III	1.000	0.556	55.500
52	SLIPI I	1.000	0.556	55.500
53	PALMERAH I	1.000	0.556	55.500
54	TEMPARAN - TIM I	1.000	0.556	55.500
55	TEMPARAN - TIM II	1.000	0.556	55.500
56	MATRAMAN I	1.000	0.556	55.500
57	PULOGADUNG I	1.000	0.556	55.500
58	PS PRIOK - A I	1.000	0.556	55.500
59	TANJUNG PRIOK I	1.000	0.556	55.500
60	JATINEGARA - A I	1.000	0.556	55.500
61	JATINEGARA - B I	1.000	0.556	55.500
62	JATINEGARA - B II	1.000	0.556	55.500
63	CAWANG I	1.000	0.556	55.500
64	PASAR REBO I	1.000	0.556	55.500
65	PASAR SENEN I	1.000	0.556	55.500
66	TEBET I	1.000	0.556	55.500
67	CONNECTA I	1.000	0.556	55.500
	TOTAL			

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(2·6) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1983 (TABLE 9-1)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tanden exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

No.	Exchange	No. of Subs	Originating Calling Rate	Originating Traffic	1	2	4	5	11	13	15	17	Tr.	19	20	24	25	26	30	31	32	35	38	Tr.	42	43	46	49	51	55	Tr.	57	58	61	63	65	67	Tr.	68	71	72	74	76	78	80	81	83	Tr.
1	KOTA - A I	8194	0.077	632.120	—	—	—	—	—	—	—	—	—	2.782	0.264	0.772	0.142	—	1.416	0.327	—	1.224	0.211	—	1.144	0.767	0.712	0.663	1.366	0.477	—	1.772	0.411	—	0.663	0.366	0.477	—	0.142	0.142	—	1.040	0.284	0.142	0.663	0.142	0.284	—
3	KOTA - B I	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
4	KOTA - B II	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
5	KOTA - B III	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
11	ANGOL I	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
13	PLUIT I	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
15	CENSBARENZ I	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
17	TEGAL ALUR I	1.1	0.077	85.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	SAMBIER - A I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
20	SAMBIER - A II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
21	SAMBIER - B I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
22	SAMBIER - B II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
23	SEMARANG(T) - A I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
24	SEMARANG(T) - A II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
25	SEMARANG(T) - A III	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
26	SUPIT I	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
28	PALMERAH I	4.140	0.077	319.140	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
40	SEMPERWARIJAN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
41	SEMPARADISTON I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
42	SEMARANGAN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
43	WALIKUKUN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
44	TS PUSAT I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
45	VISTORIA I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
47	KEBONAGUNG I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
48	KESELIDAN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
49	KEMIRI I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
50	WALYAERA I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
51	PASAR MINGGU I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
52	JEPARUSS I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
60	LATUHARHARY - A I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
61	LATUHARHARY - B I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
62	LATUHARHARY - C I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
63	LATUHARHARY - D I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
64	KEBAYORAN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
65	PASAR BARU I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
66	KEBON SIRIH I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
67	KEBON JERUK I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
68	KEMANGGISAN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
70	SAMPIN - A I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
71	SAMPIN - B I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
72	SAMPIN - C I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
73	SAMPIN - D I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
74	TANJUNG PRIOK I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
80	SUNTER I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
81	CAMPUS I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
82	PERSIMPANGAN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
83	PERSIMPANGAN II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
84	TANJUNG PINANG I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
90	SUDIRMAN I	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
91	KEBAYORAN II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
92	PASAR BARU II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
93	KEBON SIRIH II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
94	KEBON JERUK II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
95	KEMANGGISAN II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
96	TANJUNG PRIOK II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142	0.142	—
	T. I				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
97	SUNTER II	2.114	0.077	162.80	0.142	0.211	0.211	0.211	0.142	0.142	0.142	0.142	—	0.663	0.142	0.142	0.142	—	0.142	0.142	—	0.142	0.142	—	0.142	0.142	0.142	0.142	0.142

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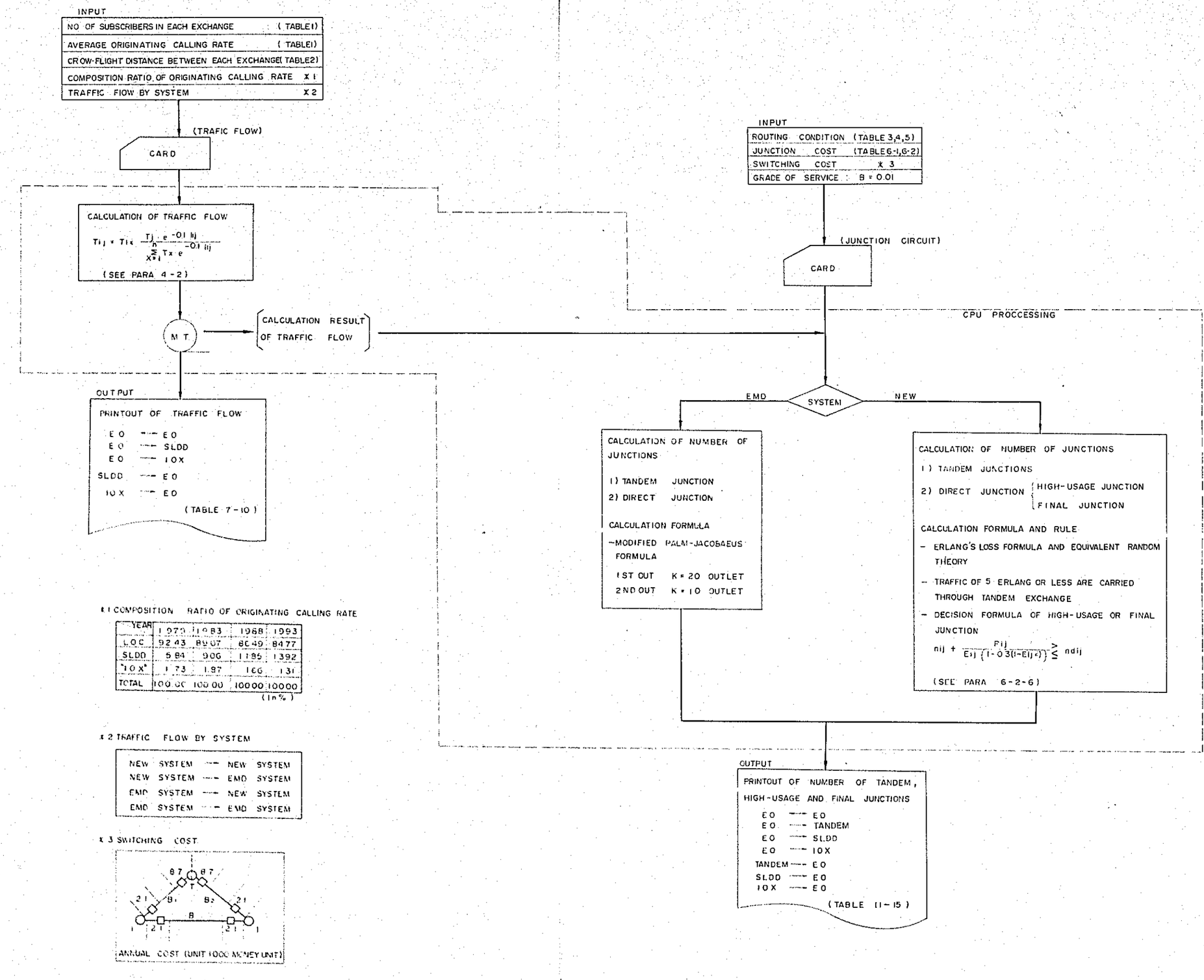

x 1 COMPOSITION RATIO OF ORIGINATING CALLING RATE

YEAR	1970	1983	1988	1993
LOC	92.43	89.07	86.49	84.77
SLDD	5.84	9.06	11.86	13.92
"10 X"	1.73	1.87	1.66	1.31
TOTAL	100.00	100.00	100.00	100.00

(in %)

x 2 TRAFFIC FLOW BY SYSTEM

NEW SYSTEM	—	NEW SYSTEM
NEW SYSTEM	—	EMD SYSTEM
EMD SYSTEM	—	NEW SYSTEM
EMD SYSTEM	—	EMD SYSTEM

x 3 SWITCHING COST

ANNUAL COST (UNIT 1000 MONEY UNIT)

CALCULATION FLOW CHART FOR TRAFFIC AND NUMBER OF JUNCTIONS BY COMPUTER

JICA LIBRARY
1115404141

(2·7) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1988 (TABLE 9-2)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tandem exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NEW

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA-A	[illegible]	[illegible]	[illegible]
2	KOTA-B	[illegible]	[illegible]	[illegible]
4	KOTA-D	[illegible]	[illegible]	[illegible]
5	KOTA-E	[illegible]	[illegible]	[illegible]
11	ANCOL	[illegible]	[illegible]	[illegible]
13	PLUIT	[illegible]	[illegible]	[illegible]
15	CENGKARENG	[illegible]	[illegible]	[illegible]
17	TEGAL ALUR	[illegible]	[illegible]	[illegible]
19	SENEN-A	[illegible]	[illegible]	[illegible]
20	SENEN-B	[illegible]	[illegible]	[illegible]
24	PENJAEN	[illegible]	[illegible]	[illegible]
25	SENEN-E	[illegible]	[illegible]	[illegible]
26	SENEN-F	[illegible]	[illegible]	[illegible]
32	SEMANGGI-A	[illegible]	[illegible]	[illegible]
33	SEMANGGI-B	[illegible]	[illegible]	[illegible]
34	SEMANGGI-C	[illegible]	[illegible]	[illegible]
39	ELPIS	[illegible]	[illegible]	[illegible]
40	PALMERAH	[illegible]	[illegible]	[illegible]
42	KEBAYORAN-A	[illegible]	[illegible]	[illegible]
43	KEBAYORAN-B	[illegible]	[illegible]	[illegible]
44	PESANGGRAHAN	[illegible]	[illegible]	[illegible]
46	PONDOK LABU	[illegible]	[illegible]	[illegible]
48	PONDOK KACANG	[illegible]	[illegible]	[illegible]
49	KEBAYORAN-C	[illegible]	[illegible]	[illegible]
50	KEBAYORAN-D	[illegible]	[illegible]	[illegible]
51	KEBAYORAN-E	[illegible]	[illegible]	[illegible]
52	KEBAYORAN-F	[illegible]	[illegible]	[illegible]
53	KEBAYORAN-G	[illegible]	[illegible]	[illegible]
54	KEBAYORAN-H	[illegible]	[illegible]	[illegible]
55	CIPETE	[illegible]	[illegible]	[illegible]
56	PONDOK INDAH	[illegible]	[illegible]	[illegible]
57	MELAYU	[illegible]	[illegible]	[illegible]
58	KEBAYORAN-I	[illegible]	[illegible]	[illegible]
59	KEBAYORAN-J	[illegible]	[illegible]	[illegible]
60	KEBAYORAN-K	[illegible]	[illegible]	[illegible]
61	PASAR MINGGU	[illegible]	[illegible]	[illegible]
62	PASAR REBO	[illegible]	[illegible]	[illegible]
63	KEMANG	[illegible]	[illegible]	[illegible]
64	TEBET	[illegible]	[illegible]	[illegible]
65	PETUK	[illegible]	[illegible]	[illegible]
66	CAMPUS	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]

| | | |

(2·8) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1993 (TABLE 9-3)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tanden exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NEW

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA-A I	[illegible]	[illegible]	[illegible]
3	KOTA-B I	[illegible]	[illegible]	[illegible]
4	KOTA-B II	[illegible]	[illegible]	[illegible]
5	KOTA-B III	[illegible]	[illegible]	[illegible]
11	ANCOL I	[illegible]	[illegible]	[illegible]
12	PLUIT I	[illegible]	[illegible]	[illegible]
13	JENGKAREING I	[illegible]	[illegible]	[illegible]
17	TEGAL ALUR I	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	SENEN-A I	[illegible]	[illegible]	[illegible]
20	SENEN-B I	[illegible]	[illegible]	[illegible]
24	SENEN-C I	[illegible]	[illegible]	[illegible]
25	SENEN-D I	[illegible]	[illegible]	[illegible]
26	SENEN-E I	[illegible]	[illegible]	[illegible]
32	TEMBAKANG-A I	[illegible]	[illegible]	[illegible]
33	TEMBAKANG-B I	[illegible]	[illegible]	[illegible]
34	TEMBAKANG-C I	[illegible]	[illegible]	[illegible]
39	DEPO I	[illegible]	[illegible]	[illegible]
44	PALMERAH I	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
46	KEMBANGAN-A I	[illegible]	[illegible]	[illegible]
47	KEMBANGAN-B I	[illegible]	[illegible]	[illegible]
48	KEBAYORAN I	[illegible]	[illegible]	[illegible]
49	PULOGADUNG I	[illegible]	[illegible]	[illegible]
51	TANJUNG-A I	[illegible]	[illegible]	[illegible]
55	SALEMBA I	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
57	MENTENG-A I	[illegible]	[illegible]	[illegible]
58	MENTENG-B I	[illegible]	[illegible]	[illegible]
59	GONDIA I	[illegible]	[illegible]	[illegible]
61	CIKINI I	[illegible]	[illegible]	[illegible]
63	CILITAN I	[illegible]	[illegible]	[illegible]
65	PASAR MINGGU I	[illegible]	[illegible]	[illegible]
67	JATINEGARA I	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	JATINEGARA-A I	[illegible]	[illegible]	[illegible]
71	JATINEGARA-B I	[illegible]	[illegible]	[illegible]
72	JATINEGARA-C I	[illegible]	[illegible]	[illegible]
74	CAWANG I	[illegible]	[illegible]	[illegible]
75	PASAR REBO I	[illegible]	[illegible]	[illegible]
76	CIRACAS I	[illegible]	[illegible]	[illegible]
77	PONDOK I	[illegible]	[illegible]	[illegible]
78	CEMPAKA I	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	KEBON SIRIH I	[illegible]	[illegible]	[illegible]
80	KEBON SIRIH-A I	[illegible]	[illegible]	[illegible]
81	KEBON SIRIH-B I	[illegible]	[illegible]	[illegible]
82	KEBON SIRIH-C I	[illegible]	[illegible]	[illegible]
83	KEBON SIRIH-D I	[illegible]	[illegible]	[illegible]
84	KEBON SIRIH-E I	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
85	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]

| | | |

(2·9) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1983 (TABLE 10-1.)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tandem exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA - A I	[illegible]	[illegible]	[illegible]
3	KOTA - B I	[illegible]	[illegible]	[illegible]
4	KOTA - B E	[illegible]	[illegible]	[illegible]
5	KOTA - B S	[illegible]	[illegible]	[illegible]
11	ANCOL I	[illegible]	[illegible]	[illegible]
13	PLUIT I	[illegible]	[illegible]	[illegible]
15	CENGKARENG I	[illegible]	[illegible]	[illegible]
17	TEGAL ALUR I	[illegible]	[illegible]	[illegible]
19	GAMBIR - A I	[illegible]	[illegible]	[illegible]
20	GAMBIR - A E	[illegible]	[illegible]	[illegible]
24	GAMBIR - B I	[illegible]	[illegible]	[illegible]
25	GAMBIR - B E	[illegible]	[illegible]	[illegible]
26	GAMBIR - B S			
32	SEMARANG I - A I	[illegible]	[illegible]	[illegible]
33	SEMARANG I - A E	[illegible]	[illegible]	[illegible]
34	SEMARANG I - A S			
37	SLIPI I	[illegible]	[illegible]	[illegible]
38	PALMERAH I	[illegible]	[illegible]	[illegible]
42	KEMBANGPUTIH I	[illegible]	[illegible]	[illegible]
43	KEMBANGPUTIH E	[illegible]	[illegible]	[illegible]
44	KEBAYORAN I	[illegible]	[illegible]	[illegible]
48	PONDOKGUNG I	[illegible]	[illegible]	[illegible]
51	TN PASAR - S I	[illegible]	[illegible]	[illegible]
55	SENAYAN I	[illegible]	[illegible]	[illegible]
57	KEBAYORAN - A I	[illegible]	[illegible]	[illegible]
58	KEBAYORAN - A E	[illegible]	[illegible]	[illegible]
61	CIPETE I	[illegible]	[illegible]	[illegible]
63	KALIBATA I	[illegible]	[illegible]	[illegible]
65	PASAR MINGGU I	[illegible]	[illegible]	[illegible]
67	JAGAKARSA I	[illegible]	[illegible]	[illegible]
69	JATINEGARA - A I	[illegible]	[illegible]	[illegible]
70	JATINEGARA - A E	[illegible]	[illegible]	[illegible]
71	JATINEGARA - B I	[illegible]	[illegible]	[illegible]
72	JATINEGARA - B E	[illegible]	[illegible]	[illegible]
73	CAWANG I	[illegible]	[illegible]	[illegible]
74	CAWANG E	[illegible]	[illegible]	[illegible]
76	KLENDER I	[illegible]	[illegible]	[illegible]
78	KLENDER E	[illegible]	[illegible]	[illegible]
80	CIRACAS I	[illegible]	[illegible]	[illegible]
81	CIRACAS E	[illegible]	[illegible]	[illegible]
83	CAKUNG I	[illegible]	[illegible]	[illegible]
85	CAKUNG E	[illegible]	[illegible]	[illegible]
	SUBTOTAL			

NEW

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
2	GUNUNG SAHARI E	[illegible]	[illegible]	[illegible]
6	GUNUNG SAHARI W	[illegible]	[illegible]	[illegible]
7	GUNUNG SAHARI S	[illegible]	[illegible]	[illegible]
8	GUNUNG SAHARI N	[illegible]	[illegible]	[illegible]
9	GUNUNG SAHARI C	[illegible]	[illegible]	[illegible]
10	GUNUNG SAHARI D	[illegible]	[illegible]	[illegible]
12	KALIJODO I	[illegible]	[illegible]	[illegible]
14	KALIJODO E	[illegible]	[illegible]	[illegible]
16	TANJUNG PRIOK I	[illegible]	[illegible]	[illegible]
18	TANJUNG PRIOK E	[illegible]	[illegible]	[illegible]
21	GUNUNG SAHARI E	[illegible]	[illegible]	[illegible]
22	GUNUNG SAHARI W	[illegible]	[illegible]	[illegible]
23	GUNUNG SAHARI S	[illegible]	[illegible]	[illegible]
27	GUNUNG SAHARI N	[illegible]	[illegible]	[illegible]
28	GUNUNG SAHARI C	[illegible]	[illegible]	[illegible]
29	GUNUNG SAHARI D	[illegible]	[illegible]	[illegible]
33	PASAR BARU I	[illegible]	[illegible]	[illegible]
34	PASAR BARU E	[illegible]	[illegible]	[illegible]
36	SENEN I	[illegible]	[illegible]	[illegible]
37	SENEN E	[illegible]	[illegible]	[illegible]
39	KALIBARU I	[illegible]	[illegible]	[illegible]
40	KALIBARU E	[illegible]	[illegible]	[illegible]
41	MATRAMAN I	[illegible]	[illegible]	[illegible]
44	PASAR JUMAT I	[illegible]	[illegible]	[illegible]
45	PASAR JUMAT E	[illegible]	[illegible]	[illegible]
47	PONDOK LABU I	[illegible]	[illegible]	[illegible]
49	PONDOK LABU E	[illegible]	[illegible]	[illegible]
50	PONDOK LABU S	[illegible]	[illegible]	[illegible]
52	PONDOK LABU N	[illegible]	[illegible]	[illegible]
53	PONDOK LABU C	[illegible]	[illegible]	[illegible]
54	PONDOK LABU D	[illegible]	[illegible]	[illegible]
56	CILANDAK I	[illegible]	[illegible]	[illegible]
59	PASAR GANDARIA I	[illegible]	[illegible]	[illegible]
60	PASAR GANDARIA E	[illegible]	[illegible]	[illegible]
62	KEBAYORAN BARU I	[illegible]	[illegible]	[illegible]
64	KEBAYORAN BARU E	[illegible]	[illegible]	[illegible]
66	KEBAYORAN BARU S	[illegible]	[illegible]	[illegible]
68	KEBAYORAN BARU N	[illegible]	[illegible]	[illegible]
70	PONDOK GEDE I	[illegible]	[illegible]	[illegible]
73	PONDOK GEDE E	[illegible]	[illegible]	[illegible]
75	CAWANG I	[illegible]	[illegible]	[illegible]
77	CAWANG E	[illegible]	[illegible]	[illegible]
79	PONDOK GEDE S	[illegible]	[illegible]	[illegible]
82	TIMBER E	[illegible]	[illegible]	[illegible]
84	CAKUNG I	[illegible]	[illegible]	[illegible]
85	CAKUNG E	[illegible]	[illegible]	[illegible]
86	SUBTOTAL	[illegible]	[illegible]	[illegible]
87	TOTAL	[illegible]	[illegible]	[illegible]

| | | |

(2·10) TRAFFIC FLOW BETWEEN EXCHANGE OFFICE AS OF 1988 (TABLE 10-2)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tandem exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA-A I	[illegible]	[illegible]	[illegible]
3	KOTA-B I	[illegible]	[illegible]	[illegible]
4	KOTA-B II	[illegible]	[illegible]	[illegible]
5	KOTA-B III	[illegible]	[illegible]	[illegible]
11	ANCOL I	[illegible]	[illegible]	[illegible]
13	PLUIT I	[illegible]	[illegible]	[illegible]
15	CENGKARENG I	[illegible]	[illegible]	[illegible]
17	TERMINAL BUAH I	[illegible]	[illegible]	[illegible]
	TOTAL			
19	SAWAH-A I	[illegible]	[illegible]	[illegible]
20	SAWAH-A II	[illegible]	[illegible]	[illegible]
24	SAWAH-B I	[illegible]	[illegible]	[illegible]
25	SAWAH-B II	[illegible]	[illegible]	[illegible]
26	SAWAH-B III	[illegible]	[illegible]	[illegible]
30	SENAYAN-A I	[illegible]	[illegible]	[illegible]
31	SENAYAN-A II	[illegible]	[illegible]	[illegible]
32	SENAYAN-B I	[illegible]	[illegible]	[illegible]
35	KEBAYORAN I	[illegible]	[illegible]	[illegible]
39	KEBAYORAN II	[illegible]	[illegible]	[illegible]
	TOTAL			
42	JATINEGARA I	[illegible]	[illegible]	[illegible]
43	JATINEGARA II	[illegible]	[illegible]	[illegible]
46	MATRAMAN I	[illegible]	[illegible]	[illegible]
49	PULOGADUNG I	[illegible]	[illegible]	[illegible]
51	PS. REMAJA I	[illegible]	[illegible]	[illegible]
55	CILINCING I	[illegible]	[illegible]	[illegible]
	TOTAL			
57	KEBONJERUK I	[illegible]	[illegible]	[illegible]
58	KEBONJERUK II	[illegible]	[illegible]	[illegible]
61	CEMPAKA I	[illegible]	[illegible]	[illegible]
63	CIKINI I	[illegible]	[illegible]	[illegible]
65	PALMERAH I	[illegible]	[illegible]	[illegible]
67	TANAH ABANG I	[illegible]	[illegible]	[illegible]
	TOTAL			
69	GAMBIR I	[illegible]	[illegible]	[illegible]
71	GAMBIR II	[illegible]	[illegible]	[illegible]
72	GAMBIR III	[illegible]	[illegible]	[illegible]
74	GAMBIR IV	[illegible]	[illegible]	[illegible]
76	PASAR BARU I	[illegible]	[illegible]	[illegible]
78	PASAR BARU II	[illegible]	[illegible]	[illegible]
80	JATINEGARA III	[illegible]	[illegible]	[illegible]
81	JATINEGARA IV	[illegible]	[illegible]	[illegible]
83	JATINEGARA V	[illegible]	[illegible]	[illegible]
	TOTAL			
	TOTAL OLD	[illegible]	[illegible]	[illegible]

NEW

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
2	KOTA-A II	[illegible]	[illegible]	[illegible]
6	KOTA-A III	[illegible]	[illegible]	[illegible]
7	KOTA-A IV	[illegible]	[illegible]	[illegible]
8	KOTA-A V	[illegible]	[illegible]	[illegible]
9	KOTA-A VI	[illegible]	[illegible]	[illegible]
10	KOTA-A VII	[illegible]	[illegible]	[illegible]
12	KOTA-A VIII	[illegible]	[illegible]	[illegible]
14	KOTA-A IX	[illegible]	[illegible]	[illegible]
16	KOTA-A X	[illegible]	[illegible]	[illegible]
18	KOTA-A XI	[illegible]	[illegible]	[illegible]
	TOTAL			
21	SAWAH-A III	[illegible]	[illegible]	[illegible]
22	SAWAH-A IV	[illegible]	[illegible]	[illegible]
23	SAWAH-A V	[illegible]	[illegible]	[illegible]
27	SAWAH-B IV	[illegible]	[illegible]	[illegible]
28	SAWAH-B V	[illegible]	[illegible]	[illegible]
29	SAWAH-B VI	[illegible]	[illegible]	[illegible]
33	SENAYAN-A III	[illegible]	[illegible]	[illegible]
34	SENAYAN-A IV	[illegible]	[illegible]	[illegible]
36	SENAYAN-A V	[illegible]	[illegible]	[illegible]
37	SENAYAN-A VI	[illegible]	[illegible]	[illegible]
38	SENAYAN-A VII	[illegible]	[illegible]	[illegible]
40	SENAYAN-B III	[illegible]	[illegible]	[illegible]
41	SENAYAN-B IV	[illegible]	[illegible]	[illegible]
	TOTAL			
44	KEBAYORAN III	[illegible]	[illegible]	[illegible]
45	KEBAYORAN IV	[illegible]	[illegible]	[illegible]
47	KEBAYORAN V	[illegible]	[illegible]	[illegible]
48	KEBAYORAN VI	[illegible]	[illegible]	[illegible]
50	KEBAYORAN VII	[illegible]	[illegible]	[illegible]
52	KEBAYORAN VIII	[illegible]	[illegible]	[illegible]
53	KEBAYORAN IX	[illegible]	[illegible]	[illegible]
54	KEBAYORAN X	[illegible]	[illegible]	[illegible]
56	KEBAYORAN XI	[illegible]	[illegible]	[illegible]
	TOTAL			
59	KEBONJERUK II	[illegible]	[illegible]	[illegible]
60	KEBONJERUK III	[illegible]	[illegible]	[illegible]
62	CEMPAKA II	[illegible]	[illegible]	[illegible]
64	CIKINI II	[illegible]	[illegible]	[illegible]
66	PALMERAH II	[illegible]	[illegible]	[illegible]
68	TANAH ABANG II	[illegible]	[illegible]	[illegible]
	TOTAL			
70	GAMBIR V	[illegible]	[illegible]	[illegible]
73	GAMBIR VI	[illegible]	[illegible]	[illegible]
75	GAMBIR VII	[illegible]	[illegible]	[illegible]
77	GAMBIR VIII	[illegible]	[illegible]	[illegible]
79	GAMBIR IX	[illegible]	[illegible]	[illegible]
82	GAMBIR X	[illegible]	[illegible]	[illegible]
84	GAMBIR XI	[illegible]	[illegible]	[illegible]
	TOTAL			
	TOTAL NEW	[illegible]	[illegible]	[illegible]

NO	EXCHANGE	SUBTOTAL	ZOO	IOC	TOTAL
1	KOTA-A I	[illegible]	[illegible]	[illegible]	[illegible]
3	KOTA-B I	[illegible]	[illegible]	[illegible]	[illegible]
4	KOTA-B II	[illegible]	[illegible]	[illegible]	[illegible]
5	KOTA-B III	[illegible]	[illegible]	[illegible]	[illegible]
11	ANCOL I	[illegible]	[illegible]	[illegible]	[illegible]
13	PLUIT I	[illegible]	[illegible]	[illegible]	[illegible]
15	CENGKARENG I	[illegible]	[illegible]	[illegible]	[illegible]
17	TERMINAL BUAH I	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
19	SAWAH-A I	[illegible]	[illegible]	[illegible]	[illegible]
20	SAWAH-A II	[illegible]	[illegible]	[illegible]	[illegible]
24	SAWAH-B I	[illegible]	[illegible]	[illegible]	[illegible]
25	SAWAH-B II	[illegible]	[illegible]	[illegible]	[illegible]
26	SAWAH-B III	[illegible]	[illegible]	[illegible]	[illegible]
30	SENAYAN-A I	[illegible]	[illegible]	[illegible]	[illegible]
31	SENAYAN-A II	[illegible]	[illegible]	[illegible]	[illegible]
32	SENAYAN-B I	[illegible]	[illegible]	[illegible]	[illegible]
35	KEBAYORAN I	[illegible]	[illegible]	[illegible]	[illegible]
39	KEBAYORAN II	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
42	JATINEGARA I	[illegible]	[illegible]	[illegible]	[illegible]
43	JATINEGARA II	[illegible]	[illegible]	[illegible]	[illegible]
46	MATRAMAN I	[illegible]	[illegible]	[illegible]	[illegible]
49	PULOGADUNG I	[illegible]	[illegible]	[illegible]	[illegible]
51	PS. REMAJA I	[illegible]	[illegible]	[illegible]	[illegible]
55	CILINCING I	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
57	KEBONJERUK I	[illegible]	[illegible]	[illegible]	[illegible]
58	KEBONJERUK II	[illegible]	[illegible]	[illegible]	[illegible]
61	CEMPAKA I	[illegible]	[illegible]	[illegible]	[illegible]
63	CIKINI I	[illegible]	[illegible]	[illegible]	[illegible]
65	PALMERAH I	[illegible]	[illegible]	[illegible]	[illegible]
67	TANAH ABANG I	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
69	GAMBIR I	[illegible]	[illegible]	[illegible]	[illegible]
71	GAMBIR II	[illegible]	[illegible]	[illegible]	[illegible]
72	GAMBIR III	[illegible]	[illegible]	[illegible]	[illegible]
74	GAMBIR IV	[illegible]	[illegible]	[illegible]	[illegible]
76	PASAR BARU I	[illegible]	[illegible]	[illegible]	[illegible]
78	PASAR BARU II	[illegible]	[illegible]	[illegible]	[illegible]
80	JATINEGARA III	[illegible]	[illegible]	[illegible]	[illegible]
81	JATINEGARA IV	[illegible]	[illegible]	[illegible]	[illegible]
83	JATINEGARA V	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OLD	[illegible]	[illegible]	[illegible]	[illegible]
2	KOTA-A II	[illegible]	[illegible]	[illegible]	[illegible]
6	KOTA-A III	[illegible]	[illegible]	[illegible]	[illegible]
7	KOTA-A IV	[illegible]	[illegible]	[illegible]	[illegible]
8	KOTA-A V	[illegible]	[illegible]	[illegible]	[illegible]
9	KOTA-A VI	[illegible]	[illegible]	[illegible]	[illegible]
10	KOTA-A VII	[illegible]	[illegible]	[illegible]	[illegible]
12	KOTA-A VIII	[illegible]	[illegible]	[illegible]	[illegible]
14	KOTA-A IX	[illegible]	[illegible]	[illegible]	[illegible]
16	KOTA-A X	[illegible]	[illegible]	[illegible]	[illegible]
18	KOTA-A XI	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
21	SAWAH-A III	[illegible]	[illegible]	[illegible]	[illegible]
22	SAWAH-A IV	[illegible]	[illegible]	[illegible]	[illegible]
23	SAWAH-A V	[illegible]	[illegible]	[illegible]	[illegible]
27	SAWAH-B IV	[illegible]	[illegible]	[illegible]	[illegible]
28	SAWAH-B V	[illegible]	[illegible]	[illegible]	[illegible]
29	SAWAH-B VI	[illegible]	[illegible]	[illegible]	[illegible]
33	SENAYAN-A III	[illegible]	[illegible]	[illegible]	[illegible]
34	SENAYAN-A IV	[illegible]	[illegible]	[illegible]	[illegible]
36	SENAYAN-A V	[illegible]	[illegible]	[illegible]	[illegible]
37	SENAYAN-A VI	[illegible]	[illegible]	[illegible]	[illegible]
38	SENAYAN-A VII	[illegible]	[illegible]	[illegible]	[illegible]
40	SENAYAN-B III	[illegible]	[illegible]	[illegible]	[illegible]
41	SENAYAN-B IV	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
44	KEBAYORAN III	[illegible]	[illegible]	[illegible]	[illegible]
45	KEBAYORAN IV	[illegible]	[illegible]	[illegible]	[illegible]
47	KEBAYORAN V	[illegible]	[illegible]	[illegible]	[illegible]
48	KEBAYORAN VI	[illegible]	[illegible]	[illegible]	[illegible]
50	KEBAYORAN VII	[illegible]	[illegible]	[illegible]	[illegible]
52	KEBAYORAN VIII	[illegible]	[illegible]	[illegible]	[illegible]
53	KEBAYORAN IX	[illegible]	[illegible]	[illegible]	[illegible]
54	KEBAYORAN X	[illegible]	[illegible]	[illegible]	[illegible]
56	KEBAYORAN XI	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
59	KEBONJERUK II	[illegible]	[illegible]	[illegible]	[illegible]
60	KEBONJERUK III	[illegible]	[illegible]	[illegible]	[illegible]
62	CEMPAKA II	[illegible]	[illegible]	[illegible]	[illegible]
64	CIKINI II	[illegible]	[illegible]	[illegible]	[illegible]
66	PALMERAH II	[illegible]	[illegible]	[illegible]	[illegible]
68	TANAH ABANG II	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
70	GAMBIR V	[illegible]	[illegible]	[illegible]	[illegible]
73	GAMBIR VI	[illegible]	[illegible]	[illegible]	[illegible]
75	GAMBIR VII	[illegible]	[illegible]	[illegible]	[illegible]
77	GAMBIR VIII	[illegible]	[illegible]	[illegible]	[illegible]
79	GAMBIR IX	[illegible]	[illegible]	[illegible]	[illegible]
82	GAMBIR X	[illegible]	[illegible]	[illegible]	[illegible]
84	GAMBIR XI	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL NEW	[illegible]	[illegible]	[illegible]	[illegible]

| | | |

(2·11) TRAFFIC FLOW BETWEEN EXCHANGE OFFICES AS OF 1993 (TABLE 10-3)

12.782 UPPER : Offered traffic in Erl.
0.496 UNDER : traffic to tanden exchanges in Erl.
( ) : Tandem traffic in Erl.

OLD

NEW

NO	EXCHANGE	NO OF SUBS	ORIGINATING CALLING RATE	ORIGINATING TRAFFIC
1	KOTA-A I	[illegible]	[illegible]	[illegible]
2	KOTA-B I	[illegible]	[illegible]	[illegible]
3	KOTA-C I	[illegible]	[illegible]	[illegible]
4	KOTA-D I	[illegible]	[illegible]	[illegible]
5	KOTA-E I	[illegible]	[illegible]	[illegible]
6	KNOTL I	[illegible]	[illegible]	[illegible]
7	PLIT I	[illegible]	[illegible]	[illegible]
8	CENUPENNE I	[illegible]	[illegible]	[illegible]
9	HOAL ALWE	[illegible]	[illegible]	[illegible]
	TOTAL			
10	SAMBIR-A I	[illegible]	[illegible]	[illegible]
11	SAMBIR-A II	[illegible]	[illegible]	[illegible]
12	SAMBIR-B I	[illegible]	[illegible]	[illegible]
13	SAMBIR-B II	[illegible]	[illegible]	[illegible]
14	SAMBIR-C	[illegible]	[illegible]	[illegible]
15	SEMANGGI-A I	[illegible]	[illegible]	[illegible]
16	SEMANGGI-A II	[illegible]	[illegible]	[illegible]
17	SEMANGGI-B I	[illegible]	[illegible]	[illegible]
18	PALMERAH I	[illegible]	[illegible]	[illegible]
	TOTAL			
19	KEBAYORAN-A I	[illegible]	[illegible]	[illegible]
20	KEBAYORAN-A II	[illegible]	[illegible]	[illegible]
21	KEBAYORAN-B I	[illegible]	[illegible]	[illegible]
22	PONDOK-TIMUR I	[illegible]	[illegible]	[illegible]
23	PONDOK-INDAH I	[illegible]	[illegible]	[illegible]
24	CILANDAK I	[illegible]	[illegible]	[illegible]
	TOTAL			
25	KEBAYORAN-C	[illegible]	[illegible]	[illegible]
26	KEBAYORAN-D I	[illegible]	[illegible]	[illegible]
27	LEBAKBULUS I	[illegible]	[illegible]	[illegible]
28	PONDOK-KOPI I	[illegible]	[illegible]	[illegible]
29	KALIBATA I	[illegible]	[illegible]	[illegible]
30	PULO-MERIAM I	[illegible]	[illegible]	[illegible]
31	KEBAYORAN-E I	[illegible]	[illegible]	[illegible]
	TOTAL			
32	JATINEGARA-A I	[illegible]	[illegible]	[illegible]
33	JATINEGARA-B I	[illegible]	[illegible]	[illegible]
34	JATINEGARA-B II	[illegible]	[illegible]	[illegible]
35	CAWANG I	[illegible]	[illegible]	[illegible]
36	PULO-GADUNG I	[illegible]	[illegible]	[illegible]
37	KLENDER I	[illegible]	[illegible]	[illegible]
38	KAMPUNG-MELAYU I	[illegible]	[illegible]	[illegible]
39	PEGANGSAAN I	[illegible]	[illegible]	[illegible]
40	CIPINANG I	[illegible]	[illegible]	[illegible]
	TOTAL			
41	CEMPAKA-PUTIH I	[illegible]	[illegible]	[illegible]
42	CEMPAKA-PUTIH II	[illegible]	[illegible]	[illegible]
43	KEMAYORAN I	[illegible]	[illegible]	[illegible]
44	PULO-GEBANG I	[illegible]	[illegible]	[illegible]
45	PULO-GEBANG II	[illegible]	[illegible]	[illegible]
46	PULO-GEBANG III	[illegible]	[illegible]	[illegible]
47	PEGANGSAAN II	[illegible]	[illegible]	[illegible]
48	CIPINANG II	[illegible]	[illegible]	[illegible]
	TOTAL			
49	KEMAYORAN II	[illegible]	[illegible]	[illegible]
50	KEMAYORAN III	[illegible]	[illegible]	[illegible]
51	KEMAYORAN IV	[illegible]	[illegible]	[illegible]
52	KEMAYORAN V	[illegible]	[illegible]	[illegible]
53	KEMAYORAN VI	[illegible]	[illegible]	[illegible]
54	KEMAYORAN VII	[illegible]	[illegible]	[illegible]
55	KEMAYORAN VIII	[illegible]	[illegible]	[illegible]
	TOTAL			
56	TANJUNG-PRIOK I	[illegible]	[illegible]	[illegible]
57	TANJUNG-PRIOK II	[illegible]	[illegible]	[illegible]
58	TANJUNG-PRIOK III	[illegible]	[illegible]	[illegible]
59	TANJUNG-PRIOK IV	[illegible]	[illegible]	[illegible]
60	TANJUNG-PRIOK V	[illegible]	[illegible]	[illegible]
61	TANJUNG-PRIOK VI	[illegible]	[illegible]	[illegible]
62	TANJUNG-PRIOK VII	[illegible]	[illegible]	[illegible]
63	TANJUNG-PRIOK VIII	[illegible]	[illegible]	[illegible]
64	TANJUNG-PRIOK IX	[illegible]	[illegible]	[illegible]
65	TANJUNG-PRIOK X	[illegible]	[illegible]	[illegible]
66	TANJUNG-PRIOK XI	[illegible]	[illegible]	[illegible]
67	TANJUNG-PRIOK XII	[illegible]	[illegible]	[illegible]
68	TANJUNG-PRIOK XIII	[illegible]	[illegible]	[illegible]
69	TANJUNG-PRIOK XIV	[illegible]	[illegible]	[illegible]
70	TANJUNG-PRIOK XV	[illegible]	[illegible]	[illegible]
71	TANJUNG-PRIOK XVI	[illegible]	[illegible]	[illegible]
72	TANJUNG-PRIOK XVII	[illegible]	[illegible]	[illegible]
73	TANJUNG-PRIOK XVIII	[illegible]	[illegible]	[illegible]
74	TANJUNG-PRIOK XIX	[illegible]	[illegible]	[illegible]
75	TANJUNG-PRIOK XX	[illegible]	[illegible]	[illegible]
76	TANJUNG-PRIOK XXI	[illegible]	[illegible]	[illegible]
77	TANJUNG-PRIOK XXII	[illegible]	[illegible]	[illegible]
78	TANJUNG-PRIOK XXIII	[illegible]	[illegible]	[illegible]
79	TANJUNG-PRIOK XXIV	[illegible]	[illegible]	[illegible]
80	TANJUNG-PRIOK XXV	[illegible]	[illegible]	[illegible]
81	TANJUNG-PRIOK XXVI	[illegible]	[illegible]	[illegible]
82	TANJUNG-PRIOK XXVII	[illegible]	[illegible]	[illegible]
83	TANJUNG-PRIOK XXVIII	[illegible]	[illegible]	[illegible]
84	TANJUNG-PRIOK XXIX	[illegible]	[illegible]	[illegible]
85	TANJUNG-PRIOK XXX	[illegible]	[illegible]	[illegible]
86	TANJUNG-PRIOK XXXI	[illegible]	[illegible]	[illegible]
	TOTAL			
	GRAND TOTAL			

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(2-12) NUMBER OF JUNCTION CIRCUITS AS OF 1979 (TABLE II)

155 : The number of junctions for the building.
(92/63) : The number of junctions for each exchange unit.

NO	EXCHANGE	NO. OF SUBS	1 KOTA A I	3 KOTA B I	4 KOTA B II	5 KOTA B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	TI I	19 GAMBIR A I	20 GAMBIR A II	24 GAMBIR B I	25 GAMBIR B II	26 GAMBIR B III	30 SEMANGGI A I	31 SEMANGGI A II	32 SEMANGGI A III	35 SLIPI I	38 PALMERAH I	T2 I	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 RAWAMANGUN II	48 PULOGADUNG I	51 TG. PRIOK A I	55 CILINCING I	T3 I	57 KEBAYORAN A I	58 KEBAYORAN A II	61 CIPETE I	63 KALIBATA I	65 PASAR MINGGU I	67 JAGAKARSA I	T4 I	69 JATINEGARA A I	71 JATINEGARA B I	72 JATINEGARA B II	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	81 TEBET II	83 GANDARIA I	T5 I		SUBTOTAL	85 SLDD	86 IOX			TOTAL
1	KOTA - A I	9 700	123	103	103	103	35	52	22	4												364							88							60										87		1144	68	20			1232
3	KOTA - B I	9 700	279	333	333	333	99	120	54	12												1125							273							186										279		3426	204	60			3690
4	KOTA - B II	9 700	(93 93)	(111 111)	(111 111)	(111 111)	(33 33)	(140 40)	(18 18)	(4 4)												(375 375)							(91 91)							(62 62)										(93 93)			(68 68)	(20 20)			
5	KOTA - B III	9 700	(93)	(111)	(111)	(111)	(33)	(40)	(18)	(4)												(375)							(91)							(62)										(93)			(68)	(20)			
11	ANCOL I	5 820	38	40	40	40	24	18	9	3												142							51							20										44		469	30	12			511
13	PLUIT I	7760	61	52	52	52	19	42	18	4												192							47							35										46		620	38	15			673
15	CENGKARENG I	5 820	34	30	30	30	11	24	24	5												126							27							28										30		399	20	11			430
17	TEGAL ALUR I	970	7	7	7	7	4	6	6	3												20							7							7										7		88	7	4			99
	TI - I		701	701	701	701	283	319	145	15																																						3566					3566
19	GAMBIR - A I	9700									512	202	202	180	180	144	84	84	22	88	68								180							152										230		2328	136	40			2504
20	GAMBIR - A II	9 700									(256 256)	(101 101)	(101 101)	(90 90)	(90 90)	(72 72)	(42 42)	(42 42)	(11 11)	(44 44)	(34 34)								(90 90)							(76 76)										(115 115)			(68 68)	(20 20)			
24	GAMBIR - B I	9 700									639	253	253	286	286	230	132	132	34	119	99								239							237										346		3285	192	60			3537
25	GAMBIR - B II	9 700									(228 228)	(90 90)	(90 90)	(102 102)	(102 102)	(82 82)	(47 47)	(47 47)	(12 12)	(42 42)	(35 35)								(85 85)							(84 84)										(123 123)			(68 68)	(20 20)			
26	GAMBIR - B III	7760									(183)	(73)	(73)	(82)	(82)	(66)	(38)	(38)	(10)	(35)	(29)								(69)							(69)										(100)			(56)	(20)			
30	SEMANGGI - A I	9 700									266	106	106	115	115	95	95	95	27	60	60								109							167										198		1614	98	38			1750
31	SEMANGGI - A II	9 700									(119 119)	(47 47)	(47 47)	(51 51)	(51 51)	(42 42)	(42 42)	(42 42)	(11 11)	(26 26)	(26 26)								(48 48)							(74 74)										(89 89)			(43 43)	(16 16)			
32	SEMANGGI - A III	1 940									(28)	(12)	(12)	(13)	(13)	(11)	(11)	(11)	(5)	(8)	(8)								(13)							(19)										(20)			(12)	(6)			
35	SLIPI I	9 700									179	50	50	48	48	39	27	27	8	44	29								50							52										62		713	43	16			772
38	PALMERAH I	9 700									131	43	43	44	44	36	30	30	9	32	40								40							67										64		653	39	15			707
	T2 - I											701	701	701	701	679	483	483	97	471	378																											5395					5395
42	CEMPAKAPUTIH - I	9700									175											266	51	27	14	13	19	5								48										92		710	47	17			774
43	CEMPAKAPUTIH II	4 850									91											135	27	15	9	8	11	4								26										49		375	20	11			406
46	RAWAMANGUN I	3 880									51											87	16	10	9	7	9	3								20										47		259	18	8			285
48	PULOGADUNG I	3 880									62											81	17	10	8	11	13	4								18										39		263	18	8			289
51	TG. PRIOK - A I	5 820									153											155	29	16	10	14	42	7								29										57		512	34	13			559
55	CILINCING I	970									20											28	7	5	4	5	8	4								8										14		103	8	5			116
	T3 - I																						701	376	210	163	308	34																					1792					1792
57	KEBAYORAN - A I	9700									228											522							84	98	98	40	32	26	8											176		1312	86	32			1430
58	KEBAYORAN - A II	9 700									(114 114)											(261 261)							(42 42)	(49 49)	(49 49)	(20 20)	(16 16)	(13 13)	(4 4)											(88 88)			(43 43)	(16 16)			
61	CIPETE I	6 790									65											149							27	29	29	32	14	17	5											68		435	29	12			476
63	KALIBATA I	4 850									49											110							20	17	17	11	14	10	3											61		312	20	9			341
65	PASAR MINGGU I	5 820									47											107							20	19	19	17	13	20	5											69		336	20	10			366
67	JAGAKARSA I	970									11											20							6	6	6	6	4	6	3											14		82	7	4			93
	T4 - I																													559	559	219	241	179	20													1777					1777
69	JATINEGARA - A I	3 880									59											112							32							28	11	19	13	10	5	6	17	8	4			324	20	9			353
71	JATINEGARA - B I	9 700									203											299							116							107	35	94	59	43	18	22	69	25	25			1115	77	29			1221
72	JATINEGARA - B II	5 820									(125 78)											(248 51)							(71 45)							(65 42)	(21 14)	(58 36)	(36 23)	(26 17)	(10 8)	(13 9)	(42 27)	(15 10)	(12 5)				(47 30)	(17 12)			
74	CAWANG I	6 790									70											154							39							63	13	31	20	31	12	10	30	11	7			491	31	12			534
76	PASAR REBO I	3 880									36											78							20							39	8	17	11	17	14	7	16	7	7			277	18	8			303
78	KLENDER I	3 880									40											72							27							20	8	18	12	11	6	10	14	6	4			248	17	8			273
80	TEBET I	9 700									147											321							75							91	26	54	35	32	15	15	62	23	9			905	59	24			988

OLD

OLD

| | | |

(2·13) NUMBER OF JUNCTION CIRCUITS AS OF 1979 (TABLE 12)

155 : The number of junctions for the building.
(92/63) : The number of junctions for each exchange unit.

NO	EXCHANGE	NO OF SUBS	1 KOTA I A I	3 KOTA I B I	4 KOTA I B II	5 KOTA I B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	TI I	19 GAMBIR I A I	20 GAMBIR I A II	24 GAMBIR I B I	25 GAMBIR I B II	GAMBIR I B III	30 SEMANGGI I A I	31 SEMANGGI I A II	SEMANGGI I A III	35 SLIPI I	38 PALMERAH I	T2 I	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH I	46 RAWAMANGUN I	48 PULOGADUNG I	51 TG PRIOK I A I	55 CILINCING I	T3 I	57 KEBAYORAN I A I	58 KEBAYORAN I A II	61 CIPETE I	63 KALIBATA I	65 PASAR MINGGU I	67 JAGAKARSA I	T4 I	69 JATINEGARA I A I	71 JATINEGARA I B I	JATINEGARA I B II	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	TEBET II	83 GANDARIA I	T5 I		SUBTOTAL	85 SLDD	86 IOX			TOTAL
			OLD																																																			
1	KOTA - A I	8 500	121	116	116	80	30	44	8	4												316							87							51									45		1 018	60	20			1 098
3	KOTA - B I	9 700	280	380	380	265	88	104	20	11												1 001							271							160									147		3 107	185	58			3 350
4	KOTA - B II	9 700	(104/104)	(141/141)	(141/141)	(96/98)	(32/32)	(38/38)	(7/7)	(4/4)												(372/372)							(100/100)							(59/59)									(54/54)			(68/68)	(20/20)			
5	KOTA - B III	6 700	(72)	(98)	(98)	(69)	(24)	(28)	(6)	(3)												(257)							(71)							(42)									(39)			(49)	(18)			
11	ANCOL I	4 400	33	39	39	28	18	14	4	3												109							45							19									20		371	20	10			401
13	PLUIT I	5 700	51	50	50	36	15	31	6	4												142							40							26									20		471	29	12			512
15	CENGKARENG I	1 300	11	11	11	9	5	8	4	3												33							10							9									7		121	9	5			135
17	TEGAL ALUR I	730	7	7	7	6	4	5	3	3												17							6							6									5		76	6	3			85
	TI - I		625	701	701	566	211	229	34	11																																						3 078	—	—			3 078
19	GAMBIR - A I	9 700									524	243	201	216	212		101	58		97	35								182							136									125		2 130	125	40			2 295
20	GAMBIR - A II	8 000									(287/237)	(133/110)	(110/91)	(118/98)	(116/96)		(55/46)	(31/27)		(53/44)	(19/16)								(99/83)							(74/64)									(68/57)			(68/57)	(20/20)			
24	GAMBIR - B I	9 700									512	239	198	269	264		121	69		103	39								186							165									147		2312	135	40			2 487
25	GAMBIR - B II	9 500									(251/253)	(121/118)	(100/98)	(136/133)	(133/131)		(61/60)	(35/34)		(52/51)	(20/19)								(94/92)							(83/82)									(74/73)			(66/67)	(20/20)			
	GAMBIR - B III																																																				
30	SEMANGGI - A I	9 700									215	99	83	108	107		88	51		51	25								86							118									87		1 118	63	27			1 208
31	SEMANGGI - A II	5 250									(137/78)	(63/36)	(53/30)	(69/39)	(68/39)		(56/32)	(32/19)		(32/19)	(15/10)								(54/32)							(75/43)									(55/32)			(43/20)	(16/11)			
	SEMANGGI - A III																																																				
35	SLIPI I	9 080									185	61	51	58	57		32	19		50	15								52							48									35		663	40	15			718
38	PALMERAH I	3 670									60	24	20	25	24		17	10		17	10								20							29									18		274	17	8			299
	T2 - I											701	694	701	701		441	239		426	134																											4 037	—	—			4 037
42	CEMPAKAPUTIH I	9 700									197											273	67	10	20	5	34	5								47									56		714	47	17			778
43	CEMPAKAPUTIH II	1 000									20											33	10	3	5	2	6	2								9									10		100	9	5			114
46	RAWAMANGUN I	4 520									67											106	24	5	15	4	16	4								20									33		294	20	9			323
48	PULOGADUNG I	470									12											14	5	2	4	2	5	2								5									6		57	5	3			65
51	TG PRIOK - A I	8 300									231											215	50	8	19	6	102	9								36									45		721	46	17			784
55	CILINCING I	870									20											26	8	3	5	3	11	4								7									9		86	8	4			108
	T3 - I																						701	75	223	22	424	30																				1 475	—	—			1 475
57	KEBAYORAN - A I	9 700									221											447							82	113	77	20	34	13	7											90		1 104	73	28			1 205
58	KEBAYORAN - A II	6 400									(132/89)											(268/170)							(48/34)	(67/46)	(46/31)	(11/9)	(20/14)	(7/6)	(4/3)											(53/37)			(43/30)	(16/12)			
61	CIPETE I	2 400									31											61							14	17	12	9	8	5	3											18		178	13	6			197
63	KALIBATA I	4 550									55											112							27	22	16	7	16	6	3											36		300	20	9			329
65	PASAR MINGGU I	1 600									19											37							11	10	8	5	7	5	3											15		120	9	5			134
67	JAGAKARSA I	550									9											14							6	5	4	4	4	3	3											7		59	5	3			67
	T4 - I																													518	342	70	202	44	11													1 187	—	—			1 187
69	JATINEGARA - A I	3 500									62											107							33							26	12	16		6	3	3	12		3		283	20	9			312
71	JATINEGARA - B I	6 100									97											171							55							44	18	35		10	5	5	21		6		467	31	12			510
	JATINEGARA - B II																																																				
74	CAWANG	2 300									33											63							19							20	8	12		8	4	3	10		3		183	14	7			204
76	PASAR REBO I	910									14											20							9							13	5	6		5	4	2	6		3		87	7	4			98
78	KLENDER I	700									12											18							9							7	4	6		3	2	3	4		2		70	6	4			80

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(2·14) NUMBER OF JUNCTION CIRCUITS AS OF 1983 (TABLE 13-1)

155 : The number of junctions for the building.
(92) (63) The number of junctions for each exchange unit.

NO	EXCHANGE		NO OF SUBS	OLD 1 KOTA-A I	3 KOTA-B I	4 KOTA-B II	5 KOTA-B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	Ts-1	19 GAMBIR-A I	20 GAMBIR-A II	24 GAMBIR-B I	25 GAMBIR-B II	26 GAMBIR-B III	30 SEMANGGI-A I	31 SEMANGGI-A II	32 SEMANGGI-A III	35 SILIWANGI I	36 SILIWANGI II	Ts-1	42 SUDIRMAN I	43 SUDIRMAN II	46 KEBAYORAN I	48 KEBAYORAN II	51 KEBAYORAN III	55 CITARUM I	Ts-1	57 SENEN I	59 CIKINI I	61 CIKEAS I	63 KALIBATA I	65 KEBON SIRIH I	67 JATINEGARA I	Ts-1	69 PONDOK GEDE I	71 JATIPULO I	72 JATINEGARA II	74 CAWANG I	76 BUARAN I	78 KLENDER I	80 TANJUNG PRIOK I	81 TANJUNG PRIOK II	83 CILINCING I	Ts-1	SUBTOTAL
1	KOTA-A	I	8 500	76	50	50	37	20	29	6	3													264						84						43										45	726
3	KOTA-B	I	8 500	123	115	115	85	42	50	14	9													611						187						96										104	1547
4	KOTA-B	II	8 500	46 46	42 42	42 42	31 31	15 15	18 18	5 5	3 3													225 225						67 67						35 35										36 36	
5	KOTA-B	III	4 600	33	31	31	23	13	14	4	3													161						49						26										28	
11	ANCOL	I	4 400	22	18	16	13	12	9	3	2													94						42						16										20	288
13	PLUIT	I	5 700	33	23	23	17	10	20	5	3													129						36						20										20	340
15	CENGKARENG	I	1 300	8	7	7	6	4	4	2	2													30						10						8										7	100
17	TEGAL ALUR	I	730	5	4	4	4	3	4	3	3													15						5						6										5	63
	Ts-1			346	340	340	241	128	141	22	8		174	44	156	158		78	46		68	84		1 195						152						121										152	1607
19	GAMBIR-A	I	9 700									496																																				1765
20	GAMBIR-A	II	8 000									72 72	63 79	72 82	72 70	63 68		43 46	23 23		30 30	13 13								101 84						68 85										77 80	
24	GAMBIR-B	I	9 700									479	170	141	130	188		84	54		69	28								189						140										154	1902
25	GAMBIR-B	II	9 500									232 232	60 84	70 70	61 61	74 74		57 47	27 27		34 34	14 14								95 78						72 72										78 78	
26	GAMBIR-B	III																																														
30	SEMANGGI-A	I	9 700									213	77	65	84	83		74	43		38	20								98						110										97	995
31	SEMANGGI-A	II	9 500									34 34	45 26	41 24	51 33	53 38		47 27	27 16		44 14	12 8								56 34						72 60										61 36	
32	SEMANGGI-A	III																																														
35	SILIWANGI	I	9 000									154	61	54	40	39		24	18		31	10								49						40										34	510
36	SILIWANGI	II	3 600									51	17	14	17	17		13	9		11	8								19						20										17	213
	Ts-1											496	396	454	449			273	148		222	78																									2496
12	CEMPAKA PUTIH	I	9 700									194												263	46	10	18	8	26	6						46										62	679
43	CEMPAKA PUTIH	II	1 000									24 24	10 5	7 4	14 8	4 3	5 5	4 4																														
46	KEBAYORAN	I	4 850									34	16	4	11	3	11	3						20						34																		264
48	KEBAYORAN	II	470									1	4	2	3	2	4	2						5						6																		32
51	KEBAYORAN	III	7 400									251	31	8	13	4	60	6						78						42																		574
55	CITARUM	I	470									24	4	2	4	2	8	3						8						9																		70
	Ts-1											413	45	139	14	240	10																															870
57	KEBON SIRIH	I	7 400									111												916						63	46	32	13	19	9	6										71	726
59	KEBON SIRIH	II	9 000									39 9												1311 124						57 29	31 14	19 13	7 8	11 8	4 4	3 3										42 29	
61	CIKEAS	I	2 400									27												84						14	9	7	8	6	4	3										17	146
63	KALIBATA	I	4 950									42												98						30	13	9	6	11	3	3										35	248
65	KEBON SIRIH	I	1 800									33												33						11	8	5	4	5	4	2										15	102
67	JATINEGARA	I	550									15												15						8	4	3	3	3	3	2										7	51
	Ts-1																								244	58	44	121	26	6																			603
69	JATINEGARA-A	I	3 400									84												93						51						20	6	10	5	3	3	9	2					236
71	JATINEGARA-B	I	4 100									84												158						53						37	12	22	6	4	4	14	4					390
72	JATINEGARA-C	I																																														
74	CAWANG	I	2 300									37												57						18						20	6	9	6	3	1	7	3					103
76	BUARAN KEBO	I	910									15												20						9						11	4	5	4	3	2	4	3					79
78	KLENDER	I	700									4												4						9						6	3	4	3	3	2	4	2					62
80	TANJUNG PRIOK	I	2 400									6												114						33						33	6	13	6	3	2	15	3					295
81	TANJUNG PRIOK	II																																														
83	CILINCING	I	740									19																		9						11	3	7	4	3	2	4	3					75
	Ts-1																								146	219	43	17	15	175	12																		646
	SUBTOTAL		76 800	870	757	757	574	276	316	57	31	2 114	1 516	1 446	1 437	1 292	274	516	314		437	192	274	4 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116	1 116
2	KOTA-A	I	8 500	28	19	19	13	8	11	4	3		16	12	12	12						7			7																							156	10
8	KOTA-B	I	8 500	18	12	12	10	6	7	3	2		9	9	6																																	96	4
7	KOTA-B	II																																															
6	KOTA-B	III	16 200	88	74	74	57	33	36	9	6		69	74	81	93		34	16		33	4			45	15		39			18	11		6			11	17				11						144	14
9	KOTA-B	II	8 500	44 44	37 37	37 37	28 28	16 16	18 18	4 4	3 3		34 34	37 37	40 40	46 46		17 17	8 8		16 16	2 2			23 23	8 8		19 19			9 9	5 5		3 3			5 5	8 8				5 5						72 72
10	KOTA-B	III																																															
12	ANCOL	I	3 200	18	13	13	10	6	6	3	2		8	7	7	7									9	4		11									6	3	2									121
14	PLUIT	I	2 100	15	11	11	8	5	6	3	2		8	7	7	7									7	5		10									6	3	2									74
16	CENGKARENG	I	2 300	6	4	4	3	2	4	2	2		4	3	3	3									4	3		10									3	4	4	2								41
18	TEGAL ALUR	I	710	5	3	3	3	2	3	3	3		3	3	3	3									3	3		6									3	3	3	3								30
	Ts-1			94	69	68	51	32	39	14	9		45	32	28	30		31	22	12	6																											307
	SUBTOTAL			490	1 023	349	204	97	54	84			250	93	33	49		247		41					125	168	60	114	45	22							130	139	67	16	44	143	32						1 800
21	GAMBIR-A	II	8 000	18	7	7	4						19	13	19	13		10	7		17	8			14			5																					50
22	GAMBIR-B	I																																															
23	GAMBIR-B	II																																															
27	GAMBIR-B	III	8 100	20	16	16	12		8				43	35	49	48		27	17		21	10			20			8									6	6										44
28	GAMBIR-B	IV																																															
29	GAMBIR-B	V																																															
33	SEMANGGI-A	IV	3 900	10	10	10	7						26	23	29	28		27	16		16	8			11																								242
34	SEMANGGI-A	V																																															
35	SILIWANGI	I	3 900	8	6	6	4						16	13	19	19		12	9		14	8			11																								154
37	SILIWANGI	III																																															
39	PALMERA	II	1 900										9	8	9	8		8	5		9	5			7																								58
40	KEDOYA	I	1 000										7	6	7	6		5	4		8	4			9																								45
41	KEDOYA	II	1 000										6	5	6	6		6	6		7	4			9																								58
	Ts-1												59	48	59	63		72	53		70	34			65																								485
	SUBTOTAL																																																
44	CEMPAKA PUTIH	I	8 900	9	6	6							17	13	6	6		8							19	3	6	3	1	3																			131
45	CEMPAKA PUTIH	II																																															
47	KEBAYORAN	I	1 900																						4	3	2	2	1	3																			31
49	KEBAYORAN	II	1 900																						5	3	2	3	2	4																			19
50	KEBAYORAN	III	1 900																						7	3	5	2	4	3																			29
	SUBTOTAL																																																

NO	EXCHANGE		NO OF SUBS	NEW 2 KOTA-A II	6 KOTA-B IV	7 KOTA-B V	8 KOTA-B I	9 KOTA-B II	10 KOTA-B III	12 ANCOL II	14 PLUIT II	16 CENGKARENG II	18 TEGAL ALUR II	Ts-2	21 GAMBIR-A II	22 GAMBIR-A IV	23 GAMBIR-A V	27 GAMBIR-B IV	28 GAMBIR-B V	29 GAMBIR-B VI	33 SEMANGGI-A IV	34 SEMANGGI-A V	35 SILIWANGI II	37 SILIWANGI III	39 PALMERA I	40 KEDOYA I	41 KEDOYA II	Ts-2	44 CEMPAKA PUTIH III	45 CEMPAKA PUTIH IV	47 KEBAYORAN I	49 KEBAYORAN II	50 KEBAYORAN III	52 JUDIRMAN I	53 JUDIRMAN II	54 JUDIRMAN III	56 CEMPAKA PUTIH II	Ts-2	59 SENAYAN I	60 SENAYAN II	62 KEBAYORAN IV	64 KEBAYORAN V	66 KEBAYORAN VI	68 KEBAYORAN VII	Ts-2	70 JATINEGARA III	73 JATINEGARA IV	75 JATINEGARA V	77 CAWANG II	79 CAWANG III	82 KLENDER II	84 TANJUNG PRIOK III	Ts-2	Ts-3	MS	SUBTOTAL	85 SDO	86 LX	TOTAL
1	KOTA-A	I	8 500	26	14		106	15		15	13	6	4																																															
3	KOTA-B	I	8 500	44	34		228	34		33	25	14	9																																															
4	KOTA-B	II	8 500	18 18	12 12		84 84	12 12		12 12	9 9	5 5	3 3																																														
5	KOTA-B	III	4 600	12	10		60	10		9	7	4	3																																															
11	ANCOL	I	4 400	9	7		42	8		9	6	3	2																																															
13	PLUIT	I	5 700	12	8		45	8		8	10	5	3																																															
15	CENGKARENG	I	1 300	3	3		10	4		4	4	4	2																																															
17	TEGAL ALUR	I	730	3	3		6	3		3	3	3	3																																															
	Ts-1			119	79		701	85		92	58	22	9																																															
19	GAMBIR-A	I	9 700												70		105		50		52		15	10	11																																			
20	GAMBIR-A	II	8 000												45 45		56 47		27 23		17 12		6 5	5 4	6 4																																			
24	GAMBIR-B	I	9 700												88		126		60		34		16	10	12																																			
25	GAMBIR-B	II	9 500												56 44		68 63		30 30		17 17		8 8	5 5	6 6																																			
26	GAMBIR-B	III																																																										
30	SEMANGGI-A	I	9 700												42		57		48		20		10	7	10																																			
31	SEMANGGI-A	II	9 500												26 16		35 22		30 19		12 9		6 4	4 3	6 4																																			
32	SEMANGGI-A	III																																																										
35	SILIWANGI	I	9 000												22		27		18		15		7	5	5																																			
36	SILIWANGI	II	3 600												10		12		9		7		3	3	4																																			
	Ts-1														236		298		166		98		34	23	22																																			
12	CEMPAKA PUTIH	I	9 700																										26		11	6	7		20	6																									
43	CEMPAKA PUTIH	II	1 000																										7 7		6 6	4 4	5 5		15 15	5 5																									
46	KEBAYORAN	I	4 850																										9		7	3	4		9	3																									
48	KEBAYORAN	II	470																										3		2	2	2		4	2																									
51	KEBAYORAN	III	7 400																										16		8	5	5		41	7																									
55	CITARUM	I	470																										4		3	2	3		8	3																									
	Ts-1																												192		62	15	28		168	20																									
57	KEBON SIRIH	I	7 400																																			21	27	11	10	8	5																			
59	KEBON SIRIH	II	9 000																																			7 9	16 13	5 5	5 5	4 4	3 3																			
61	CIKEAS	I	2 400																																			5	8	5	5	4	3																			
63	KALIBATA	I	4 950																																			6	8	3	8	4	3																			
65	KEBON SIRIH	I	1 800																																			4	5	4	4	4	2																			
67	JATINEGARA	I	550																																			3	3	3	3	2	2																			
	Ts-1																																					86	128	32	79	21	8																			
69	JATINEGARA-A	I	3 400																																										7	7	5	3	3	6	2												
71	JATINEGARA-B	I	4 100																																										9	11	7	4	5	9	3												
72	JATINEGARA-C	I																																																										
74	CAWANG	I	2 300																																										5	6	6	3	3	6	3												
76	BUARAN KEBO	I	910																																										3	4	4	3	2	4	3												
78	KLENDER	I	700																																										3	3	3	2	3	3	2												
80	TANJUNG PRIOK	I	2 400																																										7	8	6	5	4	8	3												
81	TANJUNG PRIOK	II																																																										
83	CILINCING	I	740																																										3	3	3	3	2	3	3												
	Ts-1																																					102	97	53	15	22	105	13																			
	SUBTOTAL																																																											
2	KOTA-A	I	8 500	10	7		29	4		7	5	4	2																																															
8	KOTA-B	I	8 500	4	3		20	4		3	4	3	2																																															
7	KOTA-B	II																																																										
6	KOTA-B	III	9 900	14	23		182	34		29	18	10	6		45		45		20		17				64				24					25		58			9				47			8	7				7		47				768	182	42	
9	KOTA-B	II	8 500	7 7	12 12		164 164	24 24		21 21	13 13	7 7	4 4		43 43		45 45		20 20		17 17				34 34				24 24					25 25		54 54			9 9				47 47			8 8	7 7				7 7		47 47					137 137	34 34	
10	KOTA-B	III																																																										
12	ANCOL	I	3 200	12	9		26	4		8	5	3	2												38											18							13									16				146	23	8	
14	PLUIT	I	2 100	7	5		18	3		5	6	3	2												45											18							12									11				137	18	7	
16	CENGKARENG	I	2 300	4	3		10	1		3	4	4	2												28											10							8									7				80	11	5	
18	TEGAL ALUR	I	710	3	3		6	1		3	3	3	3												18											6							6									5				80	7	4	
	Ts-1			45	52		28	30		31	22	12	6																																															
	SUBTOTAL																																																											
21	GAMBIR-A	II	8 000	18			36						40		22		25		14		10		5	4	4											26							27									31				250	48	15	
22	GAMBIR-B	I																																																										
23	GAMBIR-B	II																																																										
27	GAMBIR-B	III	8 100	20			42						42		25		35		19		12		6	4	5				10					4		27							31									31				293	61	16	
28	GAMBIR-B	IV																																																										
29	GAMBIR-B	V																																																										
33	SEMANGGI-A	IV	3 900	10			23						51		16		20		18		9		6		4	4										27							27									32				215	40	12	
34	SEMANGGI-A	V																																																										
35	SILIWANGI	I	3 900	11			17						31		11		15		9		8		4	4	4

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(2·15) NUMBER OF JUNCTION CIRCUITS AS OF 1988 (TABLE 13-2)

155 : The number of junctions for the bulding.
(92/63) : The number of junctions for each exchange unit.

NO	EXCHANGE	NO. OF SUBS	OLD 1 KOTA-A I	3 KOTA-B I	4 KOTA-B II	5 KOTA-B X	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	Ts-I	19 GAMBIR-A I	20 GAMBIR-A II	24 GAMBIR-B I	25 GAMBIR-B II	26 GAMBIR-B X	30 SEMANGGI-A I	31 SEMANGGI-A II	32 SEMANGGI-A X	35 SELPI I	38 PALMERAH I	Ts-I	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 RAWAMANGUN I	48 PULOGADUNG I	49 JOHOR-BARU I	51 TANJUNG PRIOK I	55 CILINCING I	Ts-I	SUBTOTAL	57 KEBAYORAN-A I	58 KEBAYORAN-B I	61 CIPETE I	63 KALIBATA I	65 PASAR MINGGU I	67 JASAMARGA I	Ts-I	69 JATINEGARA-A I	71 JATINEGARA-B I	72 JATINEGARA-B II	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	81 TEBET II	83 KRAMAT JATI I	Ts-I	SUBTOTAL
1	KOTA-A I	9 500	40	38	38	27	11	18	4	3												239								81								35										42	574
3	KOTA-B I	9 700	95	125	125	90	33	39	12	8												754								250								109										139	1 779
4	KOTA-B X	8 700	30/35	48/40	48/40	33/33	15/12	16/14	4/4	3/3												284/280								68/92								40/40										31/37	
5	KOTA-B X	6 700	33	33	33	24	6	13	4	2												184								60								29										37	
11	ANCOL I	4 400	12	14	14	10	8	8	3	2												79								41								14										19	222
13	PLUIT	5 700	18	18	18	15	7	12	4	2												109								37								19										20	277
15	CENGKARENG I	1 300	6	6	6	5	3	4	3	2												26								10								7										7	85
17	TEGAL ALUR I	730	4	4	4	3	2	3	2	2												14								6								5										5	54
	Ts-I		211	276	276	191	71	76	13	9																																							1122
19	GAMBIR-A I	8 700									440	114	95	101	98		37	34		41	17									195								110										138	1441
20	GAMBIR-A X	8 000									264/198	62/52	52/45	50/40	54/45		31/26	16/16		32/16	9/8									106/89								60/60										75/63	
24	GAMBIR-B I	9 700									431	111	93	125	122		88	40		43	18									198								131										161	1541
25	GAMBIR-B X	9 200									276/213	53/55	47/46	63/60	66/60		34/34	20/20		22/21	8/6									100/88								66/65										81/80	
26	GAMBIR-B X																																																
30	SEMANGGI-A I	9 700									208	59	47	60	58		37	34		28	16									104								107										109	981
31	SEMANGGI-A X	9 250									131/79	38/21	39/18	38/22	37/22		36/21	21/12		18/10	8/6									68/36								66/39										69/40	
32	SEMANGGI-A X																																																
35	SELPI I	9 000									124	25	21	24	24		16	10		17	7									47								33										33	381
38	PALMERAH I	3 670									41	10	9	11	11		9	6		7	3									18								20										18	165
	Ts-I										511	297	298	269			188	103		129	42																												1616
42	CEMPAKAPUTIH I	9 700									139											213	27	7	12	5	17	5											38										58	541
43	CEMPAKAPUTIH X	1 000									33/16											105/20	22/6	8/3		21/2	3/4	5/2											13/7										49/8	
46	RAWAMANGUN I	4 840									88											88	10	3	9	3	6	3											19										34	232
48	PULOGADUNG I	480									10											11	3	2	3	2	3	2											4										6	46
51	TG. PRIOK-A I	8 300									174											183	18	5	9	3	38	5											26										43	484
55	CILINCING I	870									16											16	4	2	3	2	3	3											5										9	66
	Ts-I										237	37	38	9			155	12																															526
57	KEBAYORAN-A I	9 700									432											334								73	39	27	11	15	7	4													84	751
58	KEBAYORAN-B I	9 400									202/134																			43/30	23/16	18/13	8/2	8/3	4/2	2/2													30/34	
61	CIPETE I	2 400									41											45								15	7	9	5	8	3	2													17	124
63	KALIBATA I	3 830									58											81								21	9	7	4	7	3	2													33	204
65	PASAR MINGGU I	1 620									16											27								10	3	4	3	4	3	2													13	87
67	JASAMARGA I	990									7											11								3	3	3	2	3	2	2													7	43
	Ts-I																													176	115	86	66	17	6														406
69	JATINEGARA-A I	5 590								44												78								28								18	8	7	4	2	2	6		2		198
71	JATINEGARA-B I	6 100								67												122								50								50	7	12	5	3	3	8		3		310
72	JATINEGARA-B II																																																
74	CAWANG I	2 300								37												50								18								18	4	6	3	2	3	2				134
76	PASAR REBO I	810								11												18								9								10	3	4	3	2	2	3		2		65
78	KLENDER I	700								9												14								9								8	3	3	2	2	2	3		2		55
80	TEBET I	4 940								43												88								32								27	6	6	3	2	2	8		2		240
81	TEBET II																																																
83	KRAMAT JATI I	740								10												18								6								10	3	5	3	2	2	3		3		82
	Ts-I																																					95	124	40	11	10	100		8		378
	SUB-TOTAL	189 930	586	681	681	516	135	158	41	65	8 044	687	622	647	664		388	237		268	103	8 514	289	46	123	34	230	10	1 082	237	162	51	102	35	18	803	117	169		87	28	23	126		24	994	15 080

NO	EXCHANGE	OLD 2 KOTA-A II	6 KOTA-B V	8 KOTA-C I	9 KOTA-C II	10 ANCOL II	12 PLUIT II	14 CENGKARENG II	16 TEGAL ALUR II	Ts-II	21 GAMBIR-A X	22 GAMBIR-A V	23 GAMBIR-A VI	27 GAMBIR-B XI	28 GAMBIR-B V	29 GAMBIR-B VI	33 SEMANGGI-A V	34 SEMANGGI-A VI	36 SELPI II	37 SELPI X	39 PALMERAH X	40 KEBOYA	41 WIDURI	Ts-II	44 CEMPAKAPUTIH XI	45 CEMPAKAPUTIH XII	47 RAWAMANGUN II	49 PULOGADUNG II	50 PENGGILINGAN	52 TG. PRIOK-A II	53 TG. PRIOK-B I	54 TG. PRIOK-B II	56 CILINCING II	Ts-II	59 KEBAYORAN-A II	60 KEBAYORAN-B II	62 CIPETE II	64 KALIBATA II	66 PASAR MINGGU II	68 JAGAKARSA II	Ts-II	70 JATINEGARA-A II	73 JATINEGARA-B III	75 CAWANG II	77 PASAR REBO II	79 KLENDER II	82 TEBET III	84 GANDARIA I	Ts-II	NS	SUBTOTAL	85 3 DIGIT	86 4 DIGIT	TOTAL
1	KOTA-A I	32	31	60	30		23	18	8	5																																								207	93	17		891
3	KOTA-B I	76	101	187	95		66	44	22	12																																								601	285	52		2 717
4	KOTA-B X	26/26	37/37	69/68	34/34		24/24	16/16	8/8	4/4																																								105/105	19/19			
5	KOTA-B X	20	27	49	23		16	12	8	4																																								59	14			
11	ANCOL I	10	11	25	13		13	7	4	3																																								86	33	9		352
13	PLUIT	15	18	26	14		11	13	7	4																																								105	44	10		436
15	CENGKARENG I	3	3	7	5		4	3	3	3																																								30	12	4		140
17	TEGAL ALUR I	4	4	5	3		3	3	3	3																																								28	7	3		92
	Ts-I	164	220	316	241		161	88	40	15																																								445				2 567
19	GAMBIR-A I													159			153	24		46	37	32		29	13	13																								544	233	39		2 259
20	GAMBIR-A X													87/72			84/66	13/11		23/21	31/26	28/24		16/13	7/4	7/6																								609	228	40		2 442
24	GAMBIR-B I													155			189	28		54	68	55		32	14	14																												
25	GAMBIR-B X													74/77			96/94	14/14		27/27	34/34	26/27		16/16	7/7	7/7																									123/123	20/20			
26	GAMBIR-B X																																																				
30	SEMANGGI-A I													78			90	17		46	51	32		17	10	14																								353	142	28		1 404
31	SEMANGGI-A X													48/26			85/33	10/7		26/17	58/18	20/12		10/7	6/4	8/6																									90/52	17/11			
32	SEMANGGI-A X																																																				
35	SELPI I													34			25	7		13	17	22		11	6	6																								151	61	12		605
38	PALMERAH I													14			13	4		8	10	10		8	4	4																								78	20	7		266
	Ts-I													442			457	56		146	186	173		88	30	32																								1 610				3 226
42	CEMPAKAPUTIH I																										34		17	7	9	16	21	8																	112	82	18		753
43	CEMPAKAPUTIH X																										26/8		13/4	5/2	6/3	12/4	17/4	5/2																			7/1	14/4			
46	RAWAMANGUN I																										13		11	4	6	8	10	4																	58	33	9		332
48	PULOGADUNG I																										4		3	2	2	3	4	2																	20	7	3		76
51	TG. PRIOK-A I																										23		13	7	7	35	48	10																	143	78	15		720
55	CILINCING I																										5		4	3	3	5	8	4																	32	10	4		112
	Ts-I													317			140	30		49	144	210		39																										934				1 452
57	KEBAYORAN-A I																																		20	31	16	24	11	7											109	109	23		992
58	KEBAYORAN-B I																																		(13/9)	(18/13)	(17/7)	(42/42)	(6/5)	(5/2)												50/44	(13/10)			
61	CIPETE I																																		5	7	7	7	4	3											33	15	6		181
63	KALIBATA I																																		8	8	8	11	5	3											38	30	8		281
65	PASAR MINGGU I																																		4	3	4	6	4	3											26	12	4		189
67	JASAMARGA I																																		2	3	3	3	3	2											18	6	3		70
	Ts-I																																		74	140	55	150	37	12											468				874
69	JATINEGARA-A I																																									8	8	8	4	4	8	3			41	29	7		275
71	JATINEGARA-B I																																									11	14	10	5	7	13	4			64	46	10		430
72	JATINEGARA-B II																																																				
74	CAWANG I																																									6	7	9	4	4	9	4			42	20	6		202
76	PASAR REBO I																																									4	5	6	4	3	4	3			29	9	4		107
78	KLENDER I																																									3	4	3	2	3	3	2			20	8	3		88
80	TEBET I																																									9	9	9	4	5	12	4			52	38	8		337
81	TEBET II																																																				
83	KRAMAT JATI I																																									3	4	4	4	3	4	4			26	9	4		104
	Ts-I																																		58	147	125	35	83	196	24			730				1 117
	SUB-TOTAL	306	387	826	349		281	174	89	45		680		839	136		313	389	343		185	77	63		396	193	53	78	211	301		67		111	184	81	201	64	30		803	198	172	82	246	48		8 857	1 778	357		

NO	EXCHANGE	NEW 2 KOTA-A II	6 KOTA-B V	7 KOTA-B VI	8 KOTA-C I	9 KOTA-C II	10 ANCOL II	12 PLUIT II	14 CENGKARENG II	16 TEGAL ALUR II	18 Ts-II	21 GAMBIR-A X	22 GAMBIR-A V	23 GAMBIR-A VI	27 GAMBIR-B XI	28 GAMBIR-B V	29 GAMBIR-B VI	33 SEMANGGI-A V	34 SEMANGGI-A VI	36 SELPI II	37 SELPI X	39 PALMERAH X	40 KEBOYA	41 WIDURI	44 CEMPAKAPUTIH XI	45 CEMPAKAPUTIH XII	47 RAWAMANGUN II	49 PULOGADUNG II	50 PENGGILINGAN	52 TG. PRIOK-A II	53 TG. PRIOK-B I	54 TG. PRIOK-B II	56 CILINCING II	59 KEBAYORAN-A II	60 KEBAYORAN-B II	62 CIPETE II	64 KALIBATA II	66 PASAR MINGGU II	68 JAGAKARSA II	70 JATINEGARA-A II	73 JATINEGARA-B III	75 CAWANG II	77 PASAR REBO II	79 KLENDER II	82 TEBET III	84 GANDARIA I	NS	SUBTOTAL	85 3 DIGIT	86 4 DIGIT	TOTAL
2	KOTA-A II	230	22	22	56	6		15	14	7	4		26		24			7	9	14				36		13				9	12		21							27							3E		374	85	14		664
6	KOTA-B V	264	20	26	44	0		19	12	7	4		35		30			9	10	15				36		16				9	12		24							31							38		420	75	16		775
7	KOTA-B VI																																																				
8	KOTA-C I	627	54	68	161	19		36	32	17	9		104		102	10		25	32	41		11		80		38		19		33	45		58		9		9			65		12	11	7			18		7E		1 300	241	47		2 410
9	KOTA-C II							35/18	26/24	20/17	15/4		71/33		70/35	(-)		17/8	23/10	27/14		(-)		26/21		28/18		13/8		20/11	20/15		24/24		(-)		(-)			33/18		(-)	(-)	(-)			(12/6)		33/39			60/81	30/40		
10	KOTA-C II																																																				
12	ANCOL II	209	17	20	41	17		23	11	6	4		22		20				6	9				48		14				10	20		24							25							35		383	88	14		671
14	PLUIT II	135	13	15	25	1		12	13	7	4		18		14					9				48		6							34							20							22		275	45	11		466
16	CENGKARENG II	68	10	10	18	1		8	9	9	5		9		9									55									23							16							15		204	30	8		310
18	TEGAL ALUR II	44	7	7	10			5	6	6	5													40									14							11							10		127	18	6		195
	Ts-II	423	76	71	69	4		76	80	43	18																																							473				896
	ST-II																																																				
21	GAMBIR-A X	506	22	20	66	5		18	11		29		68		85	16		28	34	31		19	8	9		33		14			13	18		33		8	12		12		28		14	14	9			15		31		77K	151	1E8		1 523
22	GAMBIR-A V																																																				
23	GAMBIR-A VI																																																				
27	GAMBIR-B XI	624	21	28	66	9		17	10		67		102		121	23		41	49	41		26	12	12		34		14			13	15		36		9	14		14		46		18	14	11			18		59		895	190	37		1 906
28	GAMBIR-B V	(-)	(-)	(-)	(-)	(-)		(-)	(-)		(-)		(-)		(-)	(-)		(-)	(-)	(-)		(-)	(-)	(-)		(-)		(-)			(-)	(-)		(-)		(-)	(-)		(-)		(-)		(-)	(-)	(-)			(-)		(-)			53/28	30/9		
29	GAMBIR-B VI																																																				
33	SEMANGGI-A V	821		10	18						36		31		36	8		20	22	15		11	5	6		12							33			9		8		23							44		356	84	14		655
34	SEMANGGI-A VI	296	9	11	23			7			56		39		45	10		22	30	19		10	6	7		13					5		36			11		9		28		7	7	-6			10		33		452	79	17		817
36	SELPI II	238	12	15	27	1		9	6		33		36		37	8		15	19	24		13	7	7		11		5			5		35			7				26							6		35		411	71	10		733
37	SELPI X																																																				
38	PALMERAH X	139		7	13						39		23		25	6		13	16	14		13	6	6		7							27			6				26							28		282	45	11		477
40	KEBOYA	56									37		11		11	4		6	7	9		9	5	4									15							14							12		140	20	8		224
41	WIDURI	69									41		13		14	4		8	9	9		7	5	7									17							22							16		172	25	7		273
	Ts-II	609											62		68	38		76	70	74		80	34	38																										560				1 189
44	CEMPAKAPUTIH XI	265	15	16	37	1		12			33		38		38			11	12	10				38		30		15	6	7	15	19	6					6		29		9	10				8		33		465	61	17		628
45	CEMPAKAPUTIH XII																																																				
47	RAWAMANGUN II	117		6	18	1					43		19		18				6	6				43		17		15	5	7	10	14	5							27		7	8				8		3E		349	50	12		498
48	PULOGADUNG II	23									28													32		7		6	4	4	6	8								9									13		121	16	15		175
50	PENGGILINGAN	33			9						35		9		9									47		10		9	4	8	8	11	6							17									30		212	28	8		281

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(2·16) NUMBER OF JUNCTION CIRCUITS AS OF 1993 (TABLE 13-3)

155 : The number of junctions for the building
(92 / 63) The number of junctions for each exchange unit.

NO	EXCHANGE	NO OF SUBS	OLD 1 KOTA-A I	3 KOTA-B I	4 KOTA-B II	5 KOTA-B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	TI-I	19 GAMBIR-A I	20 GAMBIR-A II	24 GAMBIR-A III	25 GAMBIR-B I	26 GAMBIR-B II	30 JAKATIMUR-A I	31 JAKATIMUR-A II	32 JAKATIMUR-A III	35 SLIPI I	38 PALMERAH I	T2-I	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 REMAMANGUN I	48 PULOGADUNG I	51 TG PRIOK-A I	55 CILINCING I	T3-I	57 KEBAYORAN-A I	58 KEBAYORAN-A II	61 CIPETE I	63 KEBAYORAN-B I	65 KEBAYORAN-C I	67 JAGAKARSA I	T4-I	69 JATINEGARA-A I	71 JATINEGARA-B I	72 JATINEGARA-C I	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	81 TEBET X	83 GANDARIA I	T5-I	SUBTOTAL
1	KOTA-A I	6500	21	20	20	15	7	9	3	2													201						40							29										40	446
3	KOTA-B I	9700	50	66	66	49	22	23	9	6													631						245							86										131	364
4	KOTA-B II	9700	(18/18)	(24/24)	(24/24)	(16/16)	(8/8)	(8/8)	(3/3)	(2/2)													(234/234)						(80/80)							(33/33)										(49/48)	
5	KOTA-B III	6700	(14/14)	(19/19)	(18/18)	(13/13)	(6/6)	(7/7)	(3/3)	(2/2)													(143/143)						(48/48)							(20/20)										(36/36)	
11	ANCOL I	4400	7	8	8	7	5	4	2	2													65						40							12										18	178
13	PLUIT I	4700	10	10	10	8	5	7	3	2													92						36							15										19	217
15	CENGKARENG I	1300	4	4	4	4	2	3	2	2													20						10							6										7	58
17	TEGAL ALUR I	730	3	3	3	3	2	3	2	2													12						8							5										5	49
	TI-I		109	143	143	98	39	41	21	14																																						588
19	GAMBIR-A I	9700									343	75	63	68	67		42	26		25	12								217						101											151	1240
20	GAMBIR-A II	6000									(215/176)	(41/34)	(29/29)	(37/37)	(34/37)		(23/19)	(14/12)		(12/12)	(6/6)								(98/98)						(55/46)											(82/69)	
24	GAMBIR-B I	9700									282	74	62	53	51		48	30		28	14								220						121											176	1317
25	GAMBIR-B II	9300									(182/182)	(32/31)	(31/31)	(42/42)	(41/40)		(28/28)	(15/15)		(15/15)	(7/7)								(112/109)						(61/58)											(82/67)	
26	GAMBIR-B III																																															
30	SEMANGGI-A I	9700									198	40	34	43	43		46	27		17	11								123						104											128	613
31	SEMANGGI-A II	3250									(126/72)	(25/15)	(21/13)	(27/18)	(27/16)		(28/27)	(17/10)		(10/7)	(8/5)								(74/45)						(58/38)											(82/47)	
32	SEMANGGI-A III																																															
35	SLIPI I	5180									68	15	13	12	14		10	7		10	5								45						26											31	287
38	PALMERAH I	3670									33	7	7	8	7		7	5		3	4								17						16											18	132
	T2-I											172	141	163	159		112	82		82	52																											892
42	CEMPAKAPUTIH I	3700									120												177	16	8	9	4	11	4							24											35	428
43	CEMPAKAPUTIH II	1000									(106/15)												(57/20)	(12/4)	(5/3)	(5/3)	(2/2)	(8/3)	(3/3)							(20/8)											(48/9)	
46	REMAMANGUN I	4500									47												80	7	3	6	2	8	2							17											35	205
48	PULOGADUNG I	470									6												10	3	2	2	2	3	2							4											6	42
51	TG PRIOK-A I	9500									141												142	10	3	6	3	23	4							20											43	394
55	CILINCING I	870									13												12	3	2	3	2	4	2							5											7	56
	T3-I																						118	15	11	6	8	6																				245
57	KEBAYORAN-A I	9700									117												286						65	21	16	7	11	5	4												81	619
58	KEBAYORAN-A II	6400									(86/48)												(171/151)						(48/33)	(12/6)	(9/7)	(5/3)	(5/3)	(3/2)	(2/2)												(48/33)	
61	CIPETE I	2400									17												38						12	5	6	3	3	2	2												17	104
63	KEBUSAN I	4110									23												56						20	6	5	3	5	3	2												32	173
65	KEBAYORAN-C I	1600									12												20						10	4	3	2	3	2	2												15	73
67	JAGAKARSA I	592									6												10						7	4	2	2	2	2	2												7	41
	T4-I																													80	40	15	37	10	4													216
69	JATINEGARA-A I	1400									33												62						26							15	4	2		3	2	2	4		2		162
71	JATINEGARA-B I	6100									51												99						47							20	5	7		4	2	2	6		3		248
72	JATINEGARA-C I																																															
74	CAWANG I	2300									20												44						19							17	3	4		4	2	2	4		2		121
76	PASAR REBO I	510									8												18						6							6	2	3		2	2	2	3		2		55
78	KLENDER I	700									9												12						9							5	2	3		2	2	2	2		1		48
80	TEBET I	4690									38												81						30							20	4	3		4	2	2	5		2		193
81	TEBET X																																															
83	GANDARIA I	740									6												18						7							8	2	3		2	2	2	2		2		52
	T5-I																																				48	64		24	7	7	53		6		206
	SUB-TOTAL	160600	206	264	264	195	81	90	36	26	1162	320	270	317	316		246	157		143	96	2197	1155	51	37	19	23	21	78		20	1030	129	90	37	84	25	16	684	67	94		43	21	21	78		20	1030

NO	EXCHANGE	NEW 2 KOTA-A II	6 KOTA-B IV	7 KOTA-B V	8 KOTA-C I	9 KOTA-C II	10 KOTA-C III	12 ANCOL II	14 PLUIT II	16 CENGKARENG II	18 TEGAL ALUR II	TI-II	OTI-II	21 GAMBIR-A IV	22 GAMBIR-A V	23 GAMBIR-A VI	27 GAMBIR-B IV	28 GAMBIR-B V	29 GAMBIR-B VI	33 JAKATIMUR-A IV	34 JAKATIMUR-A V	36 SLIPI II	37 SLIPI III	39 PALMERAH II	40 KEBOYA	41 CURUG	T2-II	OT2-II	44 CEMPAKAPUTIH III	45 CEMPAKAPUTIH IV	47 REMAMANGUN II	49 PULOGADUNG II	50 PRIOKLIGAN	52 TG PRIOK-B I	53 TG PRIOK-B II	54 TG PRIOK-B III	56 CILINCING II	T3-II	OT3-II	59 KEBAYORAN-A III	60 KEBAYORAN-A IV	62 CIPETE II	64 KALIBATA I	66 KEBAYORAN-B II	68 JAGAKARSA II	T4-II	OT4-II	70 JATINEGARA-A II	73 JATINEGARA-B II	75 CAWANG II	77 PASAR REBO II	79 KLENDER II	82 TEBET II	84 GANDARIA II	T5-II	OT5-II	HS	SUB-TOTAL	85 SLIPI	86 LOK		NO
1	KOTA-A I	29	41	19	36	30		28	17	10	5																																																				763
3	KOTA-B I	68	135	60	114	93		71	41	26	14																																																				2327
4	KOTA-B II	(23/23)	(49/49)	(22/22)	(42/42)	(34/34)		(26/26)	(15/15)	(9/9)	(5/5)																																																					
5	KOTA-B III	(14/14)	(35/35)	(16/16)	(30/30)	(25/25)		(19/19)	(11/11)	(6/6)	(4/4)																																																					
11	ANCOL I	9	14	8	19	13		14	7	5	3																																																					307
13	PLUIT I	13	19	9	17	14		12	12	8	4																																																					376
15	CENGKARENG I	5	8	4	8	5		4	4	5	3																																																					125
17	TEGAL ALUR I	3	4	3	4	3		3	3	4	3																																																					85
	TI-I	159	325	153	326	256		194	81	57	20																																																					2148
19	GAMBIR-A I													112	65		101	101	26	83	61	59		42	17	17																																										2246
20	GAMBIR-A II													(61/51)	(46/39)		(53/46)	(53/46)	(14/12)	(43/38)	(33/28)	(32/27)		(23/19)	(5/5)	(8/8)																																															
24	GAMBIR-B I													(109/98)	63		123	123	30	98	71	63		46	18	18																																													2424
25	GAMBIR-B II													(53/54)	(42/41)		(62/61)	(62/61)	(15/15)	(49/49)	(38/35)	(32/31)		(23/23)	(5/5)	(8/8)																																																
26	GAMBIR-B III																																																																			
30	SEMANGGI-A I							59	45		64	64	17	98	57	38		26	14	17																																																489	174	25		1301
31	SEMANGGI-A II							(37/28)	(29/17)		(40/26)	(40/26)	(10/7)	(56/37)	(39/21)	(24/14)		(16/10)	(8/6)	(10/7)																																																			(111/63)	(15/10)			
32	SEMANGGI-A III																																																																							
35	SLIPI I							22	17		21	21	7	19	16	22		14	7	7																																																173	63	10		331
38	PALMERAH I							9	8		10	10	4	11	9	9		9	5	5																																																69	20	6		247
	T2-I							265	194		231	231	32	245	170	174		116	44	41																																																1863				2699
42	CEMPAKAPUTIH I																												35		19	9	11	23	19	10	5																																131	81	15		455
43	CEMPAKAPUTIH II																												(20/9)		(13/6)	(6/3)	(8/3)	(13/4)	(7/3)	(2/2)																																	(70/11)	(11/4)			
46	REMAMANGUN I																												14		14	5	7	11	10	5	5																															71	38	7		322
48	PULOGADUNG I																												6		3	3	3	4	4	3	3																														27	7	3		79
51	TG PRIOK-A I																												25		16	8	10	57	42	16	13																														187	84	12		677
55	CILINCING I																												5		4	3	3	7	7	4	3																														38	10	3		107
	T3-I																												381		181	44	80	249	188	81	58																														1289				1674
57	KEBAYORAN-A I																																								21	26	16	27	12	7																									107	108	18		851
58	KEBAYORAN-A II																																								(12/10)	(12/10)	(9/9)	(18/18)	(7/3)	(5/3)																					(60/44)	(10/9)			
61	CIPETE I																																								5	6	7	7	5	3																									33	16	5		180
63	KEBUSAN I																																								6	7	6	12	5	3																									39	30	6		249
65	KEBAYORAN-C I																																								4	4	4	6	5	3																									26	15	4		116
67	JAGAKARSA I																																								3	3	3	3	3	3																									18	6	3		68
	T4-I																																								92	121	69	186	47	16																									532				748
69	JATINEGARA-A I																																								6	7	6	4	6	5	3																									45	26	6		241
71	JATINEGARA-B I																																								11	12	14	7	9	14	3																									72	46	8		372
72	JATINEGARA-C I																																																																						
74	CAWANG I																																								6	6	12	6	6	9	4																									48	20	5		194
76	PASAR REBO I																																								4	4	7	5	4	4	4																									32	10	3		100
78	KLENDER I																																								3	3	4	3	4	4	2																									23	8	3		82
80	TEBET I																																								8	8	11	6	7	13	4																									57	35	7		292
81	TEBET X																																																																				
83	GANDARIA I																																								3	3	5	4	3	4	5																									27	9	3		91
	T5-I																																								173	143	203	64	100	234	34																									951				1157
	SUB-TOTAL	288	542	238	517	416		323	178	115	52			576	412		570	570	136	544	384	365		253	105	105			444		247	72	114	350	270	99	87			311	165	104	243	77	35																									1039	1836	296		

NO	EXCHANGE	1 KOTA-A I	3 KOTA-B I	4 KOTA-B II	5 KOTA-B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	TI-I	19 GAMBIR-A I	20 GAMBIR-A II	24 GAMBIR-B I	25 GAMBIR-B II	26 GAMBIR-B III	30 SEMANGGI-A I	31 SEMANGGI-A II	32 SEMANGGI-A III	35 SLIPI I	38 PALMERAH I	T2-I	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 REMAMANGUN I	48 PULOGADUNG I	51 TG PRIOK-A I	55 CILINCING I	T3-I	57 KEBAYORAN-A I	58 KEBAYORAN-A II	61 CIPETE I	63 KEBUSAN I	65 KEBAYORAN-C I	67 JAGAKARSA I	T4-I	69 JATINEGARA-A I	71 JATINEGARA-B I	72 JATINEGARA-C I	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	81 TEBET X	83 GANDARIA I	T5-I	SUBTOTAL
2	KOTA-A II	15500	25	29	25	18	6	11	4	3		18	16	17	17		8			8			8							8																			
6	KOTA-B IV	26600	67	94	59	44	18	28	7	5		51	43	49	44		34	10		15				18								14																		
7	KOTA-B V	9400	(11/10)	(24/24)	(12/12)	(13/13)	(7/7)	(5/5)	(1/1)	(2/2)		(15/13)	(10/10)	(13/13)	(10/10)		(12/12)	(10/10)		(13/13)										(7/7)																			
8	KOTA-C I	22000	51	63	46	49	24	26	8	5		63	52	48	54		27	15		24			27							7																			
9	KOTA-C II	17400	(37/37)	(34/34)	(29/29)	(19/19)	(11/11)	(7/7)	(4/4)	(2/2)		(40/38)	(29/29)	(33/33)	(30/30)		(18/18)	(9/9)		(13/13)			(15/15)							(7/7)																			
10	KOTA-C III																																															
12	ANCOL II	23000	22	23	23	15	12	11	5	4		20	18	17	17		9			7			11							10																		
14	PLUIT II	13100	17	17	17	11	7	12	6	3		12	10	10	10		8																																
16	CENGKARENG II	13100	15	16	16	11	6	10	5	3		7	5	6	6																																	
18	TEGAL ALUR II	6570	5	5	5	7	4	4	3	3																																						
	TI-II		85	95	79	79	50	61	18	9																																						
	OTI-II																																															
21	GAMBIR-A IV	1900	30	40	40	30						65	55	57	53		48	31		53	18		28																		6								
22	GAMBIR-A V	1100	(17/17)	(24/24)	(23/23)	(17/17)						(40/38)	(29/29)	(33/33)	(32/32)		(27/27)	(17/17)		(13/13)	(9/9)		(15/15)																		(6/6)								
23	GAMBIR-A VI																																															
27	GAMBIR-B IV	1300	32	49	46	30						101	86	110	108		70	43		40	20		30									10									4								
28	GAMBIR-B V	1900	(15/15)	(22/22)	(20/20)	(15/15)						(44/44)	(37/37)	(34/34)	(37/37)		(30/30)	(18/18)		(17/17)	(8/8)		(15/15)									(8/8)									(7/7)								
29	GAMBIR-B VI	5600	-	-	-	-						(13/13)	(12/12)	(14/14)	(14/14)		(10/10)	5		4	4		-									-									-								
33	SEMANGGI-A IV	21100	32	37	37	22						40	34	43	42		43	27		27	10		13									8									7								
34	SEMANGGI-A V	14900	9	13	13	9						30	26	33	32		30	19		15	6		6																										
36	SLIPI II	25200	13	20	20	13						30	28	29	28		21	14		20	6		6																										
37	SLIPI III																																															
39	PALMERAH II	23330	8	11	11	8						24	21	23	24		16	11		14	6																												
40	KEBOYA	10100										13	11	18	18		10	7		8	3																												
41	CURUG	11030										13	12	14	13		14	9		9	8																												
	T2-II											78	73	90	78		108	103		90	59																												
	OTI-II																																															
44	CEMPAKAPUTIH III	28300	14	21	21	13						33	27	28	25		17	9		7			25	6	12	3	17	4		6											7								
45	CEMPAKAPUTIH IV																																															
47	REMAMANGUN II	17300	7	9	8	8						19	15	16	16		10	5		4			16	4	12	3	13	3													8								
49	PULOGADUNG II	6420																					7	3	5	3	6	3																				

| NO | EXCHANGE | 2 KOTA-A II | 6 KOTA-B IV | 7 KOTA-B V | 8 KOTA-C I | 9 KOTA-C II | 10 KOTA-C III | 12 ANCOL II | 14 PLUIT II | 16 CENGKARENG II | 18 TEGAL ALUR II | TI-II | OTI-II | 21 GAMBIR-A IV | 22 GAMBIR-A V | 23 GAMBIR-A VI | 27 GAMBIR-B IV | 28 GAMBIR-B V | 29 GAMBIR-B VI | 33 JAKATIMUR-A IV | 34 JAKATIMUR-A V | 36 SLIPI II | 37 SLIPI III | 39 PALMERAH II | 40 KEBOYA | 41 CURUG | T2-II | OT2-II | 44 CEMPAKAPUTIH III | 45 CEMPAKAPUTIH IV | 47 REMAMANGUN II | 49 PULOGADUNG II | 50 PRIOKLIGAN | 52 TG PRIOK-B I | 53 TG PRIOK-B II | 54 TG PRIOK-B III | 56 CILINCING II | T3-II | OT3-II | 59 KEBAYORAN-A III | 60 KEBAYORAN-A IV | 62 CIPETE II | 64 KALIBATA I | 66 KEBAYORAN-B II | 68 JAGAKARSA II | T4-II | OT4-II | 70 JATINEGARA-A II | 73 JATINEGARA-B II | 75 CAWANG II | 77 PASAR REBO II | 79 KLENDER II | 82 TEBET II | 84 GANDARIA II | T5-II | OT5-II | HS | SUB-TOTAL | 85 SLIPI | 86 LOK | | NO |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

| | | |

(2·17) NUMBER OF JUNCTION CIRCUITS AS OF 1983 (TABLE 14-1)

155 : The number of junctions for the building.
(92/63) : The number of junctions for each exchange unit.

NO	EXCHANGE	NO OF SUBS	OLD 1 KOTA-A I	3 KOTA-B I	4 KOTA-B II	5 KOTA-B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	Tx I	19 BAMBU-A I	20 BAMBU-B I	24 BAMBU-B II	25 BAMBU-B III	26 BAMBU-B IV	30 PARAMPOLA I	31 PARAMPOLA II	32 PARAMPOLA III	35 PULI I	38 KALIBARU I	Tx I	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 MUNJUL I	48 CLINCING I	51 PONDOK I	55 CLINTING I	Tx I	57 KEBAYORAN I	58 SENAYAN I	61 CIPETE I	63 KALIBATA I	65 PASAR MINGGU I	67 JAGAKARSA I	Tx I	69 TEBET I	71 TEBET II	72 KALIDERES I	74 CAWANG I	76 PASAR REBO I	78 KENDAL I	80 TIBALI I	81 TIBALI II	83 CARDAMIA I	Tx I	SUBTOTAL
1	KOTA-A I	8500	76	50	50	37	20	28	6	3												284							84							43											45	726
3	KOTA-B I	6500	83	112	112	65	42	48	14	9												511							184							96											104	1345
4	KOTA-B II	6500	45/45	42/42	42/42	31/31	13/13	18/18	3/3	3/3												222							87/87							38/38											38/38	
5	KOTA-B III	4500	33	31	31	23	10	14	4	3												161							49							25											28	
11	ANCOL I	4400	21	18	18	13	12	9	3	2												94							42							16											20	268
13	PLUIT I	3700	33	23	23	17	10	20	3	3												128							38							20											20	340
15	CENGKARENG I	1300	8	7	7	6	4	6	4	2												32							10							9											7	100
17	TEGAL ALUR I	730	5	4	4	4	3	4	3	3												16							6							6											5	63
	Tx I		362	340	342	241	129	161	22	8																																						1605
19	BAMBU-A I	9700										198	174	144	134	157		78	46		69	24							189							121											132	1766
20	BAMBU-A II	8000										98/77	92/82	72/72	80/80	92/92		43/43	29/29		36/36	13/13							104/104							69/69											72/72	
24	BAMBU-B I	8700										170	141	107	106			94	54		65	28							188							149											124	1902
25	BAMBU-B II	8000										94/94	72/72	62/62	73/73			47/47	25/25		33/33	12/12							83/83							72/72											72/72	
26	BAMBU-B III																																															
30	SEMANGGI-A I	8700										213	77	53	86	83		74	43		38	20							97							110											97	996
31	SEMANGGI-A II	9280										106/106	43/43	26/26	36/36			42/42	27/27		25/25	13/13							53/53							70/70											53/53	
32	SEMANGGI-A III																																															
35	SLIPI I	9000										104	61	36	40	39		20	14		31	10							49							40											34	306
39	PALMERA I	3670										81	17	14	19	17		13	8		11	8							19							20											17	213
	Tx I											480	306	238	280	246		275	146		222	72																										2408
42	CEMPAKAPUTIH I	9200										194											245	49	10	19	6	29	6							46											82	679
																							224/224	41/41	7/7	14/14	4/4	21/21	5/5							38/38											82/82	
43	CEMPAKAPUTIH II	1000										64											99	19	4	11	3	11	3							20											34	260
46	MUNJUL I	4920										11											13	4	2	3	2	4	2							5											6	52
48	PONDOK I	970										70											192	31	9	13	4	50	6							29											42	574
51	CLINCING I	7900										29											20	6	2	4	2	9	3							6											8	79
55	CLINTING I	970										29																																				
	Tx I																						613	45	15	14	14	240	15																			870
57	KEBAYORAN I	1100										181											316							61	46	37	13	19	9	6											71	726
												81/81											179/179							27/27	22/22	13/13	4/4	9/9	3/3	3/3											28/28	
59	KEBAYORAN II	9900										100											50							14	9	7	4	6	4	3											17	148
61	CIPETE I	2400										87											30							20	12	8	9	11	9	3											33	248
63	KALIBATA I	4500										67											99							11	6	5	4	8	4	2											10	102
65	PASAR MINGGU I	1600										17											33							5	4	1	3	3	3	2											7	81
67	JAGAKARSA I	590										8											18																									603
	Tx I																													244	158	44	121	58	8													
69	JATINEGARA A I	9800										54											95							51							16	9	10		2	3	3	8		2		238
71	JATINEGARA B I	6120										84											148							53							37	12	22		8	4	4	14		4		300
72	JATINEGARA B II																																															
74	CAWANG I	4300										50											97							18							20	6	8		6	3	3	7		3		183
76	PASAR REBO I	810										13											29							9							11	4	6		4	3	2	4		3		78
78	KENDAL I	740										11											19							9							6	3	4		3	2	3	4		2		62
80	TIBALI I	4950										61											119							33							33	9	13		6	3	3	13		3		205
81	TIBALI II																																															
83	CARDAMIA I	750										11											19							9							11	3	7		4	3	2	4		3		77
	Tx I																													148	218	63	17	15	175	12												848
	SUB-TOTAL	168900	648	687	697	478	270	320	58	37	3180	3,170	2,112	1,728	1,823	1,723	1,311	1,111	612	1,174	1,162	3,726	3,118	1,188	188	1,151	192	1,192	38	1,171	1,214	1,105	1,63	1,24	1,670	1,194	1,289	92	38	34	127	38	1,172	32	1,312	38	9,907
2	KOTA-A II	7,900	28	18	18	13	9	11	4	2			14	11	12					6			157	10	7		29	7		7	6	4	2															218
6	KOTA-B IV	1,900	13	12	12	10	8	7	3	2			8	8									90	9	3		20	1		5	4	3	2															148
7	KOTA-B V																																															
8	KOTA-C I	18,200	84	78	73	57	37	48	10	9		40	78	80	80		51	72		79	9		45	13		39			18	11		7				13	17						13				939	
			27/27	25/25	24/24	19/19	12/12	16/16	3/3	3/3			26/26	27/27	27/27			24/24		26/26	3/3		45/45	13/13		39/39			18/18	11/11		7/7				13/13	17/17						13/13				197/197	
9	KOTA-C II	1,800	32/32	32/32	30/30	27/27	17/17	17/17	4/4	3/3			17/17	17/17	17/17			17/17		17/17	3/3		45/45	13/13		39/39			18/18	11/11		7/7				13/13	17/17						13/13				197/197	
10	KOTA-C III																																															
12	ANCOL II	3,100	13	13	13	10	8	6	3	2			10	8	8								7							8	6	3	2															122
14	PLUIT II	3,500	11	11	11	9	8	12	4	2			7										7	3						5	6	3	2															74
16	CENGKARENG II	1,700	9	8	8	6	7	6	4	2													4	3						3	4	2	2															41
18	TEGAL ALUR II	770	3	3	3	4	3	4	3	3													3	3						3	3	3	3															36
	Tx II																																															
	OTHER																																															
	SUB-TOTAL		218	198	198	151	102	128	35	25			156	161	162			113		133	15		164	119	37	32				97	78	45	22													1605
21	CAMPURA I																						90			103			50			32		15	10	11											
22	CAMPURA II																						49/49			52/52			27/27			17/17		9/9	5/5	5/5											
23	CAMPURA III																						88			126			50			34		16	10	12											
24	CAMPURA IV																						44/44			62/62			30/30			17/17		8/8	5/5	6/6											
25	CAMPURA V																																															
26	CAMPURA VI																																															
27	CENTRIA I																						42			57			48			20		10	7	10											
28	CENTRIA II																						29/29			36/36			36/36			8/8		5/5	4/4	5/5											
29	CENTRIA III																																															
33	PARAMPOLA IV																						22			27			16			15		7	5	5											
34	PARAMPOLA I																						10			12			9			7		3	3	4											
36	PULI II																						238			298			166			96		34	19	22											
37	PULI III																																															
39	KALIBARU I																																															
40	PEDONGAN I																																															
41	MENGUA I																																															
	Tx II																																															
	OTHER																																															
	SUB-TOTAL																						490			621			349			204		87	54	64											
44	CEMPAKAPUTIH III																																															
45	CEMPAKAPUTIH IV																																															
47	MUNJUL II																																															
49	PONDOK II																																															
50	CLINCING II																																															
52	PONDOK I																																															
53	CLINTING I																																															
54	CLINTING II																																															
56	CLINTING III																																															
	Tx II																																															
	OTHER																																															
	SUB-TOTAL																						220			83			49			247		41													
59	LEBAKBULUS I																																															
60	LEBAKBULUS II																																															
62	TEBET I																																															
64	KALIBATA I																																															
66	PASAR MINGGU I																																															
68	JAGAKARSA I																																															
	Tx II																																															
	OTHER																																															
	SUB-TOTAL																						125	189	60	114	45	22																			
70	PONDOK GEDE I																																															
73	PONDOK GEDE II																																															
75	CIRACAS I																																															
77	PONDOK BAMBU I																																															
79	TEBET II																																															
82	PONDOK KOPI I																																															
84	PONDOK KOPI II																																															
	Tx II																																															
	OTHER																																															
	SUB-TOTAL																						159	159	87	38	44	143	52																			
	GRAND TOTAL																																															

NO	EXCHANGE	NEW 2 KOTA-A IV	6 KOTA-B VI	7 KOTA-B VII	8 KOTA-C I	9 KOTA-C II	10 KOTA-C III	12 ANCOL II	14 PLUIT II	16 CENGKARENG II	18 TEGAL ALUR II	Tx II	OTHER	21 CAMPURA II	22 CAMPURA III	23 CAMPURA IV	24 CAMPURA V	25 CAMPURA VI	27 CENTRIA I	28 CENTRIA II	29 CENTRIA III	33 PARAMPOLA IV	34 PARAMPOLA I	36 PULI II	37 PULI III	39 KALIBARU I	40 PEDONGAN I	41 MENGUA I	Tx II	OTHER	44 CEMPAKAPUTIH III	45 CEMPAKAPUTIH IV	47 MUNJUL II	49 PONDOK II	50 CLINCING II	52 PONDOK I	53 CLINTING I	54 CLINTING II	56 CLINTING III	Tx II	OTHER	59 LEBAKBULUS I	60 LEBAKBULUS II	62 TEBET I	64 KALIBATA I	66 PASAR MINGGU I	68 JAGAKARSA I	Tx II	OTHER	70 PONDOK GEDE I	73 PONDOK GEDE II	75 CIRACAS I	77 PONDOK BAMBU I	79 TEBET II	82 PONDOK KOPI I	84 PONDOK KOPI II	Tx II	OTHER	NO	SUB-TOTAL	85 SUDO	86 LIK	TOTAL
1	KOTA-A I	26	14		106	18		15	13	6	4																																																						
3	KOTA-B I	44	34		228	38		33	23	14	9																																																					
4	KOTA-B II	16/16	12/12		64/64	12/12		12/12	9/9	5/5	3/3																																																				
5	KOTA-B III	12	10		60	10		9	7	4	3																																																			
11	ANCOL I	9	7		42	8		9	6	3	2																																																				
13	PLUIT I	12	8		45	8		8	10	5	3																																																				
15	CENGKARENG I	3	3		10	4		4	4	4	2																																																				
17	TEGAL ALUR I	3	3		6	3		3	3	3	3																																																				
	Tx I	119	79		701	95		92	59	22	9																																																				
19	BAMBU-A I													90			103			50		32		15	10	11																																							
20	BAMBU-A II													40/40			52/52			27/27		17/17		9/9	5/5	5/5																																							
24	BAMBU-B I													88			126			50		34		16	10	12																																							
25	BAMBU-B II													44/44			62/62			30/30		17/17		8/8	5/5	6/6																																							
26	BAMBU-B III																																																														
30	SEMANGGI-A I													42			57			48		20		10	7	10																																							
31	SEMANGGI-A II													29/29			36/36			36/36		8/8		5/5	4/4	5/5																																							
32	SEMANGGI-A III																																																														
35	SLIPI I													22			27			16		15		7	5	5																																							
39	PALMERA I													10			12			9		7		3	3	4																																							
	Tx I													238			298			166		96		34	19	22																																							
42	CEMPAKAPUTIH I																														26		11	6	7		20		6																											
																															26/26		8/8	5/5	3/3		10/10		4/4																											
43	CEMPAKAPUTIH II																														9		7	3	4		9		3																											
46	MUNJUL I																														3		2	2	2		4		2																											
48	PONDOK I																														16		8	5	5		41		7																											
51	CLINCING I																														4		3	2	3		8		3																											
55	CLINTING I																														102		62	15	28		157		20																											
	Tx I																																																														
57	KEBAYORAN I																																										21	27	11	15	8	5																								
																																											(5/5)	(12/12)	(5/5)	(8/8)	(4/4)	(5/5)																								
59	KEBAYORAN II																																										5	8	5	5	4	3																								
61	CIPETE I																																										6	8	5	8	4	2																								
63	KALIBATA I																																										4	5	4	4	4	2																								
65	PASAR MINGGU I																																										5	3	3	3	2	2																								
67	JAGAKARSA I																																										86	138	32	79	21	8																								
	Tx I																																																														
69	JATINEGARA A I																																																		7	7	8	3	3	6	2											
71	JATINEGARA B I																																																		9	11	7	4	8	9	3											
72	JATINEGARA B II																																																														
74	CAWANG I																																										5	6	6	3	3	6	3																					
76	PASAR REBO I																																										3	4	4	3	2	4	3																					
78	KENDAL I																																										3	3	3	2	3	3	2																					
80	TIBALI I																																										7	8	6	3	4	9	3																					
81	TIBALI II																																																														
83	CARDAMIA I																																										3	3	3	2	3	3																					
	Tx I																																										102	97	53	10	27	103	13																					
	SUB-TOTAL	490			621			149		204		87	54	64			220			83		49		247		41					125	189	60	114	45	22								159	159	87	38	44	143	52																					
2	KOTA-A II				9																																																												
6	KOTA-B IV																																																														
7	KOTA-B V																						

| | | |

(2-18) NUMBER OF JUNCTION CIRCUITS AS OF 1988 (TABLE 14-2)

155 : The number of junctions for the building.
(92) The number of junctions for each exchange unit.
(63)

| NO | EXCHANGE | | NO. of SUBS | OLD 1 | 3 | 4 | 5 | 11 | 13 | 15 | 17 | | 19 | 20 | 24 | 25 | 26 | 30 | 31 | 32 | 35 | 39 | | 42 | 43 | 46 | 48 | 51 | 55 | | 57 | 58 | 61 | 63 | 65 | 67 | | 69 | 71 | 72 | 74 | 76 | 78 | 80 | 81 | 83 | | | NEW 2 | 6 | 7 | 8 | 9 | 10 | 12 | 14 | 16 | 18 | | 21 | 22 | 23 | 27 | 28 | 29 | 33 | 34 | 36 | 37 | 39 | 40 | 41 | | 44 | 45 | 47 | 49 | 50 | 52 | 53 | 54 | 56 | | 59 | 60 | 62 | 64 | 66 | 68 | | 70 | 73 | 75 | 77 | 79 | 82 | 84 | | 65 | 66 | | TOTAL |
|---|---|---

| | | |

(2·19) NUMBER OF JUNCTION CIRCUITS AS OF 1993 (TABLE 14-3)

155 : The number of junctions for the building.
(92/63) The number of junctions for each exchange unit.

NO	EXCHANGE	NO. OF SUBS	1 KOTA A I	3 KOTA B I	4 KOTA B II	5 KOTA B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	Tr I	19 GAMBIR I	20 GAMBIR II	24 GAMBIR III	25 GAMBIR IV	26 GAMBIR V	30 JATINEGARA I	31 JATINEGARA II	32 JATINEGARA III	35 SUNTER I	38 PULOGADUNG I	Tr I	42 CEMPAKA PUTIH I	43 CEMPAKA PUTIH II	46 KRAMAT JATI I	48 PONDOK GEDE I	51 PONDOK KOPI I	55 CILITING I	Tr I	57 KEBAYORAN I	58 KEBAYORAN II	61 CILILITAN I	63 KALIBATA I	65 PASAR MINGGU I	67 JAGAKARSA I	Tr I	69 JATIPULO I	71 JATIPULO II	72 JATIPULO III	74 CENGKARENG I	76 PANTAI INDAH I	78 TANJUNG I	80 TEBET I	81 TEBET II	83 CANDRANAJA I	Tr I	SUBTOTAL
1	KOTA - A I	8500	21	20	20	19	7	9	3	2												201							80								28								40	446
3	KOTA - B I	9700	50	68	67	49	22	23	7	6												631							245								86								131	1385
4	KOTA - B II	9700	(18/18)	(24/24)	(23/23)	(18/18)	(8/8)	(8/8)	(3/3)	(2/2)												(234/234)							(90/90)								(33/33)								(48/48)	
5	KOTA - B III	6700	(14)	(16)	(16)	(13)	(6)	(7)	(3)	(2)												(163)							(65)								(20)								(35)	
11	ANCOL I	4400	7	8	8	7	5	4	2	2												85							40								12								16	178
13	PLUIT I	5700	10	10	10	8	5	7	3	2												92							38								15								19	217
15	CENGKARENG I	1500	4	4	4	4	2	3	2	2												20							10								6								7	86
17	TEGAL ALUR I	730	3	3	3	3	2	3	2	2												12							6								5								5	49
	Tr - I		108	143	145	99	56	61	23	17																																					659
19	GAMBIR - A I	9700									395	75	63	66	67		42	26		29	12								217							101								131	1240
20	GAMBIR - A II	6000									(215/178)	(41/34)	(34/29)	(37/31)	(36/31)		(23/19)	(14/12)		(15/12)	(8/6)								(118/98)							(55/46)								(82/68)	
24	GAMBIR - B I	5700									387	74	62	83	81		49	30		26	16								220							120								176	1517
25	GAMBIR - B II	9300									(195/162)	(37/31)	(31/26)	(42/35)	(42/35)		(24/20)	(15/12)		(15/12)	(7/6)								(111/92)							(61/51)								(89/74)	
30	SEMANGGI - A I	9700									196	40	34	48	43		45	27		17	17								123							104								128	815
31	SEMANGGI - A II	5830									(126/72)	(25/14)	(21/12)	(27/16)	(27/16)		(28/17)	(17/10)		(10/7)	(6/5)								(79/45)							(36/39)								(81/47)	
32	SEMANGGI - A III																																														
35	SLIPI I	5500									66	16	13	15	16		10	7		10	9								45							26								31	287
38	PALMERAH I	3670									33	7	5	8	7		7	5		5	4								17							16								18	132
	Tr - I										171	141	141	158			112	82		62	22																										952
42	CEMPAKA PUTIH I	4700									120											177	18	6	9	4	11	4								35								35	428
43	CEMPAKA PUTIH II	4000									(107/90)	(24/20)	(8/7)	(8/7)	(7/6)		(8/7)	(5/4)				(157/132)	(16/13)	(5/4)	(7/6)	(3/2)	(8/7)	(5/4)								(20/9)								(48/40)	
46	KRAMAT JATI I	4330									67											60	7	3	6	2	6	2								17								35	205
48	PONDOK GEDE I	470									6											10	3	2	3	2	3	2								4								8	42
51	PONDOK KOPI I	8300									141											142	10	3	8	3	22	4								20								43	394
55	CILITING I	870									13											13	2	2	3	2	4	2								5								7	56
	Tr - I																					119	15	9	9	6	8	4																		245
57	KEBAYORAN - A I	5400									117											288							60	21	16	7	11	6	4											81	614
58	KEBAYORAN - A II	6400									(94/76)											(171/138)							(49/39)	(12/9)	(9/7)	(4/3)	(5/3)	(3/2)												(69/57)	
61	CILITILI I	2400									17											38							13	5	4	1	3	2	2											13	104
63	KALIBATA I	5300									29											68							50	6	5	5	8	3	2											52	173
65	PASAR MINGGU I	1470									12											20							10	4	3	2	3	2	2											13	73
67	JAGAKARSA I	530									8											10							9	3	3	2	2	2	2											7	41
	Tr - I																													90	60	19	37	10	4												218
69	JATINEGARA II	3900									33											66							28								15	4	5		5	2	4	4	7	182
71	JATINEGARA III	6100									51											93							47								20	5	7		4	3	2	6	3	246
72	JATINEGARA IV																																														
74	CENGKARENG I	2900									10											44							18								17	3	4		4	2	2	4	7	121
76	PANTAI INDAH I	970									9											19							8								6	2	3		2	2	2	3	2	55
78	TANJUNG I	900									4											12							9								5	4	3		2	2	2	2	1	46
80	TEBET I	4950									36											61							30								20	4	5		4	2	3	5	2	193
81	TEBET II																																														
83	CANDRANAJA I	940									6											14							7								8	7	3		2	2	2	3	2	37
	Tr - I																																				45	94		24	7	3	33	4	204
	SUBTOTAL	100500	206	258	258	206	96	101	39	29	1796	391	330	397	395		265	167		165	49	2487	106	31	77	16	32	22	1325	126	90	31	81	25	18	884	41	94		45	21	21	79		20	1020	1881
2	KOTA - A II	3900	29	24	24	19	3	7	4	3		74	17	18	17		9			8			7														224	33	45	27	41	30		26	20	13	6		50	22		24	26		21	15	27		12	
6	KOTA - B IV	12700	42	39	39	40	19	21	7	5		5	43	43	45		24	18		13			13														330	49	113	39	59	41		64	39	25	12		73	84		44	46		56	37	57		17	9	7
7	KOTA - B V	8700	(19/17)	(18/16)	(18/16)	(16/14)	(8/7)	(8/7)	(3/2)	(2/2)		(5/4)	(38/34)	(38/34)	(38/34)		(18/16)	(13/12)		(13/12)			(13/12)															(25/23)	(56/50)		(35/31)	(27/24)		(40/36)	(37/33)	(17/15)	(9/8)		(34/30)	(44/39)		(35/31)	(27/24)		(40/36)	(37/33)		(18/16)	(9/8)	
8	KOTA - C I	12700										44	43	54			24	18		13																												100	74		49	58		50	43	45		12	8
9	KOTA - C II	10400										(25/22)	(38/33)	(37/32)	(38/33)		(24/21)	(18/16)		(13/11)																												(50/44)	(30/26)		(25/22)	(33/29)		(25/22)	(36/31)		(18/16)	(8/7)	
10	KOTA - C III											(-/-)	(-/-)	(-/-)	(-/-)		(-/-)	(-/-)		(-/-)																												(-/-)	(-/-)		(-/-)	(-/-)		(-/-)	(-/-)		(-/-)	(-/-)	
12	ANCOL II	12400	27	21	21	19	13	11	4	2		23	18	19	18		11			8			11														240	39	46	28	52	45		49	18	12	4		31	25		28	28		22	16	21		11	
14	PLUIT II	13100	21	21	21	19	12	12	4	3		19	16	19	19		12			9			12														159	25	31	19	29	25		27	21	13	9		18	14		15	15		12	9	17		9	
16	CENGKARENG II	13100	16	14	14	13	8	10	5	3		9	9	9			7																				101	19	25	13	22	19		16	16	21	9		15	12		14	14		9	6	16		6	
18	TEGAL ALUR II	9700	8	9	9	7	6	6	3	3		11	8	9	10		11			10			10														51	11	18	9	18	11		10	10	12	11		6			5	5		5		6																		

| | | |

(2-20) NUMBER OF JUNCTION CIRCUITS AS OF 1983 (TABLE 15-1)

155 : The number of junctions for the building.
[92/63] : The number of junctions for each exchange unit.

OLD

No.	Exchange	No of Subs	1 KOTA-A I	3 KOTA-B I	4 KOTA-B II	5 KOTA-B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	T_1 I	19 GAMBIRAN I	20 GAMBIRAN II	24 GAMBIRAN III	25 GAMBIRAN IV	26 SAWAHBESAR I	30 SAWAHBESAR II	31 SAWAHBESAR III	32 SAWAHBESAR IV	35 SELIPI I	36 PALMERAH I	T_2 I	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 RAWAMANGUN I	48 POLOMONI I	51 TANAH KALI I	55 CILINCING I	T_3 I	57 KEBAYORAN I	58 KEBAYORAN II	61 CIPETE I	63 KALIBATA I	65 PASARMINGGU I	67 JAGAKARSA I	T_4 I	69 JATINEGARA I	71 JATINEGARA II	72 JATINEGARA III	74 CAWANG I	76 PASARREBO I	78 KEMBANGAN I	80 TEBET I	81 TEBET II	83 GANDARIA I	T_5 I		SUBTOTAL I	2 KOTA-A II	6 KOTA-B IV	7 KOTA-B V	8 KOTA-B VI	9 KOTA-B VII	10 KOTA-B VIII	12 ANCOL II	14 PLUIT II	16 CENGKARENG II	18 TEGAL ALUR II	T_1 II	T_1 III	T_1 IV
1	KOTA-A I	8 500	76	50	50	37	20	28	6	3												284							84							43										45	726	26	14		106	18		13	13	6	4			
2	KOTA-B I	6 300	123	115	115	85	42	50	14	9												611							183							96										104	1547	44	34		228	34		33	23	14	9			
3	KOTA-B II	6 500	(42/45)	(42/42)	(42/42)	(31/34)	(13/15)	(16/18)	(3/5)	(3/3)												(225/225)							(67/67)							(35/35)										(38/38)			(16/16)	(12/12)		(66/84)	(12/12)		(12/12)	(8/9)	(3/3)	(3/3)			
5	KOTA-B III	4 600	33	31	31	23	12	14	4	3												161							49							26										28			12	10		60	12		8	7	4	3			
11	ANCOL I	4 400	21	18	18	13	12	9	3	2												94							42							16										20	288	9	7		42	6		9	6	3	2			
13	PLUIT I	3 700	33	23	23	17	10	20	5	3												179							38							20										20	340	12	8		45	6		8	10	3	3			
15	CENGKARENG I	1 300	6	7	7	6	4	4	4	2												30							10							8										7	100	3	3		10	4		4	4	4	2			
17	TEGAL ALUR I	730	3	4	4	4	3	4	3	3												18							4							6										5	83	3	3		6	3		3	3	3	3			
	T_1 - I	-	389	340	340	243	129	141	22	8																																					1 607	119	79		701	95		92	58	22	9			
19	GAMBIR-A I	9 700									488	174	144	156	152		79	48		86	26								193							121										132	1 765																
20	GAMBIR-A II	8 000									(167/231)	(90/70)	(78/80)	(80/70)	(63/85)		(43/36)	(28/21)		(28/20)	(12/11)								(101/94)							(48/05)										(72/80)																	
24	GAMBIR-B I	9 700									479	170	141	192	198		96	54		68	29								188							145										154	1 903																
25	GAMBIR-B II	9 500									(242/237)	(88/84)	(73/70)	(97/99)	(93/93)		(47/47)	(27/27)		(33/34)	(14/14)								(90/83)							(73/72)										(72/76)																	
26	GAMBIR-B III																																																											
30	SEMANGGI-A I	9 700									213	72	68	64	63		74	45		38	20								92							110										87	996																
31	SEMANGGI-A II	8 250									(136/177)	(48/29)	(41/34)	(33/32)	(32/30)		(47/27)	(28/19)		(26/20)	(11/8)								(56/34)							(70/49)										(81/38)																	
32	SEMANGGI-A III																																																											
35	SELIPI I	9 000									194	41	34	40	38		54	16		31	10								45							40										34	510																
38	PALMERAH I	9 670									91	17	14	17	17		12	8		11	8								18							20										17	213																
	T_2 - I											680	596	656	649		373	248		282	72																									2 466																
42	CEMPAKAPUTIH I	9 700									194											263	49	10	18	8	26	6								46										82	679																
43	CEMPAKAPUTIH II	1 000									(74/80)											(226/232)	(42/7)	(7/3)	(12/4)	(4/3)	(21/5)	(4/3)								(38/9)										(53/6)																	
46	RAWAMANGUN I	4 610									64											99	13	4	11	3	11	3								20										34	264																
48	POLOMONI I	475									11											13	4	3	3	3	4	2								9										6	53																
51	TANAH KALI I	7 600									102											192	34	6	13	4	40	6								29										42	574																
55	CILINCING I	670									10											20	6	2	4	2	6	3								6										8	79																
	T_3 - I																						612	45	139	14	140	19																			870																
57	KEBAYORAN I	9 700									192											316							83	40	32	13	19	8	6												74	726																
58	KEBAYORAN II	9 000									(97/61)											(195/186)							(37/29)	(187/19)	(7/6)	(11/8)	(3/4)	(3/3)													(42/29)																
61	CIPETE I	2 600									17											55							14	8	7	6	8	4	3												17	146																
63	KALIBATA I	1 800									47											99							20	13	8	5	11	5	5												35	246																
65	PASAR MINGGU I	1 950									18											55							11	6	4	3	4	2													15	97																
67	JAGAKARSA I	930									8											15							6	4	3	3	3	3													7	51																
	T_4 - I																													244	188	44	121	28	9													403																
69	JATINEGARA I	8 800									94											31														20	9	10		5	3	3	4	2		236																	
71	JATINEGARA II	8 150									84											55														37	12	22		8	4	4	14	4		390																	
72	JATINEGARA III																																																											
74	CAWANG I	2 500									30											57							14							20	6	9		6	3	3	7	3		163																	
76	PASAR REBO I	2 [illegible]									13											20							9							16	4	9		4	3	2	4	3		78																	
78	KEMBANGAN I	[illegible]									11											18							9							6	3	4		3	2	2	4	2		67																	
80	TEBET I	1 [illegible]									6											110							33							33	9	13		9	3	3	13	3		195																	
81	TEBET II	[illegible]																																																										
83	GANDARIA I	7 [illegible]									13											18							8							11	5	7		4	3	2	4	3		73																	
	T_5 - I																																			149	219		43	17	15	173	12		646																	
	SUBTOTAL	[illegible]	842	737	737	603	322	358	87	30	3 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]	1 [illegible]	537	314		437	162	2 [illegible]	3 [illegible]	88	169	31	349	35	171		331	214	73	49	93	54	67	294	286		99	39	34	227		32	932		1977	218	149		1 139	167		164	118	57	32		480		925		549	204	87	54	64		250		93	33	49		247		41		125	189	60	114	43	22		139	139	97	36	44	143	32		5 [illegible]	1 542	391	
2	KOTA-A I	[illegible]	34	18	[illegible]	[illegible]	6	11	4	2		14	12	13	13					6			7																								157	10	7		29	7		7	5	4	2		69																		

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(2·21) NUMBER OF JUNCTION CIRCUITS AS OF 1988 (TABLE 15-2)

155 : The number of junctions for the buiding.
(92) : The number of junctions for each exchange unit.
(63)

NO	EXCHANGE	NO OF SUBS	OLD 1 KOTA-A I	3 KOTA-A II	4 KOTA-B I	5 KOTA-B II	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	TI-1	19 GAMBIR-A I	20 GAMBIR-A II	24 GAMBIR-B I	25 GAMBIR-B II	26 GAMBIR-C I	30 SEMANGGI-A I	31 SEMANGGI-A II	32 SEMANGGI-A III	35 SLIPI I	38 PALMERAH I	TZ-1	42 CEMPAKAPUTIH I	43 CEMPAKAPUTIH II	46 RAWAMANGUN I	48 PULOGADUNG I	51 TB PRIOK-A I	55 CILINCING I	TI-2	57 KEBAYORAN-A I	58 KEBAYORAN-A II	61 CIPETE I	63 KALIBATA I	65 PASAR MINGGU I	67 JAGAKARSA I	TI-3	69 JATINEGARA-A I	71 JATINEGARA-B I	72 JATINEGARA-B II	74 CAWANG I	76 PASAR REBO I	78 KLENDER I	80 TEBET I	83 TEBET II	93 GANDARIA I	TI-4	SUBTOTAL
1	KOTA - A. I	9 500	40	38	38	27	11	16	4	3												239								81																42		574
3	KOTA - B I	9 700	98	125	125	80	33	39	12	9												754								250																139		1779
4	KOTA - B II	9 700	30 37	46 66	46 66	33 33	12 12	14 14	4 4	3 3												280 280								92 92																51 51		
5	KOTA - B III	6 700	25	53	53	24	9	11	4	2												194								66																37		
11	ANCOL I	4 400	12	14	14	10	6	6	3	2												79								41																18		222
13	PLUIT I	5 700	18	18	18	13	7	12	4	2												109								37																20		277
15	CENGKARENG I	1 300	6	6	6	5	3	4	3	2												24								10																7		95
17	TEGAL ALUR I	730	4	4	4	3	2	3	2	2												14								6																5		54
	TI - 1		211	276	276	191	71	78	13	9																																						122
19	GAMBIR - A I	9 700									440	114	98	101	99		57	34		41	17									185																138		1441
20	GAMBIR - A II	9 000									241 199	62 52	52 43	55 45	54 45		31 28	18 16		22 18	8 6									106 89																75 63		
24	GAMBIR - B I	9 700									431	111	93	129	122		66	40		43	18									198																161		1541
25	GAMBIR - B II	9 500									218 213	55 55	42 46	63 62	63 60		34 34	20 20		22 21	9 8									100 99																81 80		
26	GAMBIR - B III																																														
30	SEMANGGI - A I	9 700									151	35	29	38	37		36	21		18	8									68																69		556
31	SEMANGGI - A II	5 290									78	21	18	22	22		21	15		10	6									38																40		325
32	SEMANGGI - A III																																														
35	SLIPI I	9 080									124	25	21	24	24		16	10		17	7									47																33		381
38	PALMERAH I	3 670									41	10	9	11	11		9	6		7	5									18																16		163
	TZ - 1										511	297	296	289			189	103		128	42																											1618
42	CEMPAKAPUTIH I	9 700									158											213	27	7	12	6	17	5									59										58		541
43	CEMPAKAPUTIH II	1 010									119 19											193 20	22 5	5 2	9 3	3 2	13 4	3 2									32 7										49 9		
46	RAWAMANGUN I	4 520									66											86	10	3	8	3	8	3									18										34		232
48	PULOGADUNG I	470									10											11	3	2	3	2	3	2									4										6		46
51	TB PRIOK-A I	8 300									174											163	18	5	9	4	8	5									26										43		484
55	CILINCING I	670									16											18	4	2	3	2	3	3									5										8		66
	TI - 2																					237	37	16	9	155	12																					528
57	KEBAYORAN-A I	9 700									182											359								73	38	27	11	15	7	4												84		751
58	KEBAYORAN-A II	6 450									90 92											203 196								43 30	22 16	16 11	8 5	9 7	8 3	2 2													50 34		
61	CIPETE I	2 400									20											46								13	7	6	5	5	3	2												17		124
63	KALIBATA I	6 850									56											61								20	9	7	4	7	3	2												33		204
65	PASAR MINGGU I	1 800									14											27								10	5	4	3	4	3	2												15		87
67	JAGAKARSA I	550									7											11								3	3	2	2	2	2	2												7		45
	TI - 3																													174	115	26	59	17	6														406
69	JATINEGARA-A I	3 500									44											76								29								18	6	7		4	2	2	6		2		198
71	JATINEGARA-B I	6 100									67											122								50								30	7	12		5	3	3	9		3		310
72	JATINEGARA-B II																																														
74	CAWANG I	2 510									20											50								15								19	4	6		5	3	2	5		2		134
76	PASAR REBO I	810									10											18								9								10	3	4		3	2	2	3		2		65
78	KLENDER I	100									4											14								9								4	3	3		3	2	2	3		2		55
80	TEBET I	4 350									49											[illegible]								32								27	6	6		5	3	2	6		2		240
81	TEBET II																																														
83	GANDARIA I	740									10											19								6								10	3	3		3	2	2	3		3		65
	TI - 4																																					85	124		40	11	10	100		8		378
	SUB-TOTAL	183 490	346	461	461	338	139	158	41	23	3 000	827	722	817	804		386	227		261	103	2 614	799	46	123	84	226	30	2 382	237	182	84	102	35	18	802	117	169		67	28	28	156		2 4	994
2	KOTA - A II	8 600	27	26	26	20	10	14	4	3		19	18	18	17		9			8			8				7																					
6	KOTA - B III	7 700	34	31	31	23	10	11	4	3		23	20	24	21		11			11			12				7																					
7	KOTA - B IV																																														
8	KOTA - C I	19 000	55	43	43	31	13	20	9	5		73	91	77	71		11	14		23			38		9		28			11	7						8	9						9				828	54	68		161	89		36	32	17	9		210	104		107	11		27	33	39		11			55		19			26	42			11		10			12	11	9			21		1239	241	47		2 355
9	KOTA - C II	9 410	19 23	26 26	26 29	20 20	10 11	11 9	4 4	2 2		49 49	41 50	39 23	40 23		21 10	12 –		20 9			24 13		9 –		19 9			13 –	7 –							5 –	9 –						9 –					39 19	44 24		106 65	52 29	10 –	5 –		107 108	71 33		70 27	11 –		18 9	22 11	26 13		11 –			37 18		13 6			19 9	28 14			11 –		10 –			12 –	11 –	9 –			14 7				160 81	30 17		
10	KOTA - C III																																															
12	ANCOL II	4 400	20	23	23	16	13	10	4	2		17	14	13	13		7			6			10				17																					214	17	20		41	21		23	11	4	4		102	23		23				7	9						13				15	20													356	65	14		649
14	PLUIT II	6 820	18	18	18	14	7	12	4	3		11	9	10	10																																	134	15	13		25	11		12	13	7	4		100	15		15					8						6																			250	45	11		440
16	CENGKARENG II	4 700	12	11	11	8	5	6	3	2		8																																				48	10	10		16	10		8	9	5	3		89	9		10																									184	30	9		280
18	TEGAL ALUR II	1 070	8	7	7	6	4	5	3	3																																						44	7	7		10	6		5	6	5	3		57																									109	18	5		177
	TI - 3																																															
	OTI - 2											22	22	18	20		26	35		24	23		35	13	23	8	24	8		34	23	10	19	7	3		21	27		13	5	3	21	7	4		490																		

| | | |

(2-22) NUMBER OF JUNCTION CIRCUITS AS OF 1993 (TABLE 15-3)

155 : The number of junctions for the building.
(30/25) : The number of junctions for each exchange unit.

OLD / NEW

NO	EXCHANGE	NO OF SUBS	1 KOTA-A I	3 KOTA-B I	4 KOTA-B II	5 KOTA-B III	11 ANCOL I	13 PLUIT I	15 CENGKARENG I	17 TEGAL ALUR I	T1 I	19 GAMBIR-A I	20 GAMBIR-A II	24 GAMBIR-B I	25 GAMBIR-B II	26 GAMBIR-B III	30 MENTENG-A I	31 MENTENG-A II	35 SETIA I	36 PALMERAH I	T2 I	42 CEMPAKA PUTIH I	43 CEMPAKA PUTIH II	46 RAWASAMBAT I	48 PYLOGADUNG I	51 TANJUNG PRIOK I	55 CILINCING I	T3 I	57 PENJARING I	58 PENJARING II	61 CENGKARENG I	63 KALIDERES I	65 PASER WUNGU I	67 JAKARTA I	T4 I	69 JATINEGARA I	71 JATINEGARA II	72 CIRACAS I	74 CIRACAS II	76 PASER GUNUNG I	78 KLIDAN I	80 TEBET I	81 TEBET II	83 SENAYAN I	T5 I	TOTAL
1	KOTA - A I	8500	31	20	20	15	7	9	3	2										204								90						28											40	446
3	KOTA - B I	9700	30	66	66	49	22	23	9	6										631								245						86											131	1384
4	KOTA - B II	9700	16 (16)	24 (24)	24 (24)	16 (16)	6 (6)	6 (6)	3 (3)	2 (2)										234 (234)								90 (90)						33 (33)											48 (48)	
5	KOTA - B III	6700	14	18	18	13	5	7	3	2										163								63						20											35	
11	ANCOL I	4400	7	6	6	7	5	4	2	2										63								40						12											18	178
13	PLUIT I	5700	10	10	10	6	3	7	3	2										92								36						15											19	217
15	CENGKARENG I	1300	4	4	4	4	2	3	2	2										20								10						6											7	66
17	TEGAL ALUR I	750	3	3	3	3	2	3	2	2										12								6						3											3	49
	T1 - I		109	143	143	99	38	61	9	4																																					586
19	GAMBIR - A I	9700									193	75	63	65	47		42	26		23	12							217						101											151	1240
20	GAMBIR - A II	8000									212 (106)	64 (32)	54 (27)	57 (29)	34 (17)		73 (36)	16 (8)		23 (12)	6 (3)							68 (34)						55 (28)											82 (41)	
24	GAMBIR - B I	9700									192	74	62	63	91		49	30		26	14							220						120											174	1317
25	GAMBIR - B II	9500									193 (96)	77 (38)	63 (31)	62 (31)	91 (46)		25 (13)	13 (7)		13 (7)	7 (4)							211 (106)						61 (31)											85 (43)	
26	GAMBIR - B III																																														
30	MENTENG-A I	9700									193	65	54	62	43		63	32		17	11							123						104											148	812
31	MENTENG-A II	5290									146 (73)	55 (28)	45 (23)	45 (23)	46 (23)		63 (32)	16 (8)		17 (9)	5 (3)							76 (38)						46 (23)											81 (41)	
35	SETIA I	2000									96	33	13	13	46		10	7		10	5							45						36											31	287
36	PALMERAH I	3510									33	7	7	6	7		7	5		5	4							17						16											16	132
	T2 - I											177	141	145	159		112	62		62	22																										
42	CEMPAKA PUTIH I	3700									120											174	16	6	9	4	11	4						26											55	429
43	CEMPAKA PUTIH II	1050									105 (53)											127 (63)	12 (6)	4 (2)	6 (3)	4 (2)	4 (2)	2 (1)						20 (10)											46 (23)	
46	RAWASAMBAT I	4120									47											80	7	3	6	2	6	2						17											33	203
48	PYLOGADUNG I	470									8											10	3	2	2	2	3	2						4											8	42
51	TANJUNG PRIOK I	6120									101											142	10	3	6	3	22	6						20											43	364
55	CILINCING I	670									13											13	3	2	3	2	4	2						5											7	56
	T3 - I																					118	13	21	6	6	46	8																			205
57	PENJARING I	3700									113											296							83	21	15	7	12	8	4											81	618
58	PENJARING II	3000									64 (32)											171 (85)							48 (24)	6 (3)	7 (3)	6 (3)	3 (2)	3 (2)	2 (1)											48 (24)	
61	CENGKARENG I	2650									17											59							18	3	4	3	3	2	4											19	104
63	KALIDERES I	4900									26											68							20	6	5	5	5	3	2											22	173
65	PASER WUNGU I	1600									12											30							10	4	3	2	3	2	2											13	73
67	JAKARTA I	550									6											10							5	3	2	2	2	2	2											7	41
	T4 - I																													80	60	15	97	10	4												216
69	JATINEGARA-A I	3400									33											66							28							13	4	5		3	2	3	4		2		162
71	JATINEGARA-B I	5100									51											99							47							20	3	7		4	2	2	6		3		246
72	JATINEGARA-B II																																														
74	CIRACAS I	2700									21											66							19							17	3	4		3	2	2	4		2		121
76	PASER GUNUNG I	900									9											15							8							8	2	1		2	2	2	3		2		33
78	KLIDAN I	700									7											12							9							5	2	2		2	2	2	2		1		48
80	TEBET I	4900									16											81							50							20	4	5		4	2	3	5		2		193
81	TEBET II																																														
83	SENAYAN I	700									9											14							7							8	2	3		2	2	2	2		2		37
	T5 - I																																			13	44		24	7	7	31		6		106
	SUBTOTAL		296	342	336	271	83	111	34	20	1776	382	320	330	371		385	157		163	68	1187	158	51	77	19	132	22	502	176	90	12	81	28	14	485	57	94		43	21	21	79		20	470	9327
2	KOTA - A II	8500	29	41	19	36	30					25	17	10	5																																
6	KOTA - B I	9700	48	133	60	114	93					71	41	26	14																																
7	KOTA - B II	9700	25 (25)	49 (49)	23 (23)	42 (42)	33 (33)					20 (20)	13 (13)	9 (9)	5 (5)																																
			16	35	15	30	25					19	11	8	4																																
8	KOTA - C I	8500	9	14	6	15	13					14	7	5	3																																
9	KOTA - C II	9700	13	19	9	17	16					12	12	8	4																																
10	KOTA - C III		5	8	4	5	5					4	4	3	3																																
12	ANCOL I	4400	3	4	3	4	3					3	3	4	3																																
	T1 - I		139	325	133	326	258					194	91	57	20																																
21	GAMBIR - A I	9700										112	83				101	101	24	93	61	39			42	17	17																				
22	GAMBIR - A II	8000										52 (26)	33 (16)	14 (7)	22 (11)	15 (8)		22 (11)	14 (7)	43 (22)	39 (20)	25 (13)			22 (11)	3 (2)	9 (5)																				
23	GAMBIR - A III																																														
27	GAMBIR - B I	9700										109	83				123	123	30	98	71	83			46	18	18																				
28	GAMBIR - B II	9500										55 (28)	42 (21)				64 (32)	64 (32)	17 (9)	48 (24)	37 (19)	39 (20)			23 (12)	9 (5)	9 (5)																				
29	GAMBIR - B III																																														
33	MENTENG-A I	9700										59	45				64	64	17	88	37	38			26	14	17																				
34	MENTENG-A II	5290										37 (19)	29 (17)				32 (16)	32 (16)	10 (5)	35 (18)	20 (11)	26 (14)			16 (8)	8 (4)	10 (5)																				
37	SETIA I																																														
38	PALMERAH I	3510										22	17				21	21	7	19	16	22			14	7	7																				
39	PALMERAH II	2130										9	8				10	10	4	11	9	9			9	5	5																				
40	KEBAYORAN I	1700										243	194				251	251	52	243	170	174			116	44	41																				
41	KEBAYORAN II	1100																																													
	T2 - I																																														
44	CEMPAKA PUTIH II	1050																											33 (23)	15 (12)	9 (8)	11 (9)	23 (18)	19 (15)	10 (8)	9 (7)														
45	CEMPAKA PUTIH III																																														
47	RAWASAMBAT II	1700																											14	10	5	7	11	10	5	5														
49	PYLOGADUNG II	600																											4	1	3	3	4	4	3	3														
50	TANJUNG PRIOK II	5100																											23	16	8	10	57	42	16	13														
																													3	4	3	3	7	7	4	3														
	T3 - I																												361	161	44	80	248	188	61	56														
52	TANJUNG PRIOK III	1000																																													
53	TANJUNG PRIOK IV	1000																																													
54	TANJUNG PRIOK V	1000																																													
56	CILINCING II	1000																																													
	T3 - I																																														
	T3 - II																																														
59	KEBAYORAN II	1000																																			21	24	16	27	12	7					
60	KEBAYORAN III	1000																																			12 (12)	15 (9)	9 (9)	18 (9)	3 (3)	6 (3)					
62	CILETUK I	1000																																													
64	KALIBATA I	1000																																			3	6	7	7	3	3					
66	PASAR MINGGU I	1000																																			6	7	6	12	3	3					
68	JAGAKARSA I	1000																																			4	4	4	6	3	3					
	T4 - I																																				3	3	3	3	3	3					
	T4 - II																																														
	SUBTOTAL		395	343	272	114	320	270	99	91		131	165	104	243	77	35																			92	121	68	188	47	16					
70	JATINEGARA AK	1000																																									8	7	8	4	8	9	3
73	CIRACAS BK	1000																																									11	12	14	7	9	10	3
75	CIRACAS X	1000																																													
77	GUNUNG SARI X	1000																																													
79	KALIBATA X	1000																																									6	6	12	8	6	8	4
82	TEBET X	1000																																									4	4	7	5	4	4	4
84	JAGAKARSA X	1000																																									3	3	4	3	4	4	3
	T5 - I																																				6	8	11	6	7	13	4
	T5 - II																																														
	SUBTOTAL																																				175	143	203	64	100	234	34
	TOTAL		2095	1842	2356	2517	448		322	173	113	32		376	432		370	370	136	244	384	365		233	103	103		444		243	72	114	320	270	99	91		131	165	104	243	77	35					
4	KOTA - A II	8500	33	43	22	41	34		28	20	13	6		109	29	22		27	27		20	13	21		12				23	9			20	16						8								
6	KOTA - B I	9700	62	113	56	99	82		64	38	25	12		201	79	61		74	74	13	33	32	38		28	9	7		63	24		6	44	36	9	7		7	11		14							
7	KOTA - B II	9700																																													
			31 (31)	57 (57)	28 (28)	52 (52)	41 (41)		32 (32)	19 (19)	13 (13)	6 (6)		100 (100)	40 (40)	31 (31)		37 (37)	37 (37)		16 (16)	16 (16)	19 (19)		14 (14)	5 (5)	3 (3)		32 (32)	12 (12)		3 (3)	22 (22)	18 (18)	5 (5)	4 (4)		4 (4)	6 (6)		7 (7)							
8	KOTA - C I	8500	9	23	10	19	16		12	7	5	2		40	15	13		18	18		7	6	8		6	2	2		15	6		2	13	11	3	3		2	3		4							
9	KOTA - C II	9700	17	35	16	33	28		20	12	8	4		64	25	21		30	30		12	9	14		10	3	4		23	8		3	16	13	4	4		3	4		5							
10	KOTA - C III		8	15	7	13	11		8	5	3	1		25	10	8		12	12		4	3	5		4	1	2		9	3		1	8	7	2	2		1	2		3							
12	ANCOL I	4400	6	12	5	10	8		6	4	3	1		16	6	5		7	7		3	2	3		2	1	1		6	2		1	5	4	1	1		1	1		2							
	T1 - I		244	479	234	471	414		322	173	113	32		566	220	173		276	276		105	78	114		76	25	19		156	62		19	126	108	27	23		19	26		34							
19	GAMBIR - A I	9700	29	48	24	52	43		48	18	12	5		124	31	24		29	29		22	15	19		11				31	14		3	44	34	13	10					5							
20	GAMBIR - A II	8000	23	51	14	28	27		21	13	6			48	18	14		17	17		12	9	14		8				15				13	11														
24	GAMBIR - B I	9700	18	27	13	28	19		15	18	21	9		13	15	12		15	13		8	7	15		6				11				6	5														
25	GAMBIR - B II	9500	11	13	8	13	11		10	10	12	11		106	5			5	3		4		6																									
	T2 - I		23	21	18	161	79	29	31	25		28	41	58															24	33	34	26	36	24	24	27		34	37	33	34	23	10					
33	MENTENG-A I	9700	36	51	10	20	37		24	13	8			102	24	21		30	30		19	13	18		12	3	3		102	41		22		9	23	19	7	4		11	12	4	18							
34	MENTENG-A II	5290	16	35	14	33	28		18	10				40	16	13		18	18		10	9	10		8	2	2		40	16		17		14							8	9		14							
37	SETIA I																																														
38	PALMERAH I	3510	21	41	10	23	20		13	9				54	33	40		48	48		14	40	30	30	22	10	10		104	36		17		13	14							13	12	13	1		15					
39	PALMERAH II	2130	8	18	5	11	9		7	5				27	16	13		18	18		6	5	7		5	2	2		27	9		9																		
40	KEBAYORAN I	1700	60	83	38	94	78		42	22	16			404	83	56		135	135	43	128	97	66		67	29	29		319	99		33		16	44	24					24	26	15	40							
41	KEBAYORAN II	1100	16	30	14	29	23		21	14	9			94	16	10		30	30		12	9	12		12	3	3		94	10		19		9	22	12					12	13	6	20							
	T2 - I																																														
44	CEMPAKA PUTIH II	1050	19	38	17	33	28		18	10	6			107	37	40		62	62	17	86	56	38		33	13	13		107	38		19		9	15	10					22	24	14	32	9						
45	CEMPAKA PUTIH III		14	27	11	25	20		13	8				54	43	34		47	47	14	56	47	32		22	11	12		125	25		18		8	10	7					13	18	10	21							
47	RAWASAMBAT II	1700	8	20	8	23	19		15					29	21			23	23	22	22	16	16		9				108	24		15			13	8					7	10		6							
49	PYLOGADUNG II	600		5		7	3							7		6		6	6										12																				
50	TANJUNG PRIOK II	5100	10	21	10	21	16		14	9	6	3		51	16	11		18	18		13	7	6						116	23		22		9	22	22	10	14						4						
52	TANJUNG PRIOK III	1000	10	9	10	8	6		4					19	9	8		11	11		6	5	5		3				19	9		3		2	2	2														
53	TANJUNG PRIOK IV	1000	13	6	9	3	10	3						19	11	8		14	14		7	6	7		4				19	9		3		2	2	2														
54	TANJUNG PRIOK V	1000	10	9	10	8	6		4					19	9	8		11	11		6	5	5		3				19	9		3		2	2	2														
56	CILINCING II	1000	13	6	9	3	10	3						19	9	8		11	11		6	5	5		3				19	9		3		2	2	2														
	T3 - I																																														
	T3 - II																																														
59	KEBAYORAN II	1000																																			7	10		16							
60	KEBAYORAN III	1000																																													
62	CILETUK I	1000																																													
64	KALIBATA I	1000																																													
66	PASAR MINGGU I	1000																																													
68	JAGAKARSA I	1000																																													
	T4 - I																																														
	T4 - II																																														
	SUBTOTAL																																														
	TOTAL		1035	1018	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016

NO	EXCHANGE	2 KOTA-A II	6 KOTA-B I	7 KOTA-B II	8 KOTA-B III	9 KOTA-C I	10 KOTA-C II	12 ANCOL I	14 PLUIT I	16 CENGKARENG I	18 TEGAL ALUR I	T1 I	T1 II	21 GAMBIR-A I	22 GAMBIR-A II	23 GAMBIR-A III	27 GAMBIR-B I	28 GAMBIR-B II	29 GAMBIR-B III	33 MENTENG-A I	34 MENTENG-A II	36 SETIA I	37 SETIA II	38 PALMERAH I	39 PALMERAH II	40 KEBAYORAN I	41 KEBAYORAN II	T2 I	T2 II	44 CEMPAKA PUTIH II	45 CEMPAKA PUTIH III	47 RAWASAMBAT II	49 PYLOGADUNG II	50 TANJUNG PRIOK II	52 TANJUNG PRIOK III	53 TANJUNG PRIOK IV	54 TANJUNG PRIOK V	56 CILINCING II	T3 I	T3 II	59 KEBAYORAN II	60 KEBAYORAN III	62 CILETUK I	64 KALIBATA I	66 PASAR MINGGU I	68 JAGAKARSA I	T4 I	T4 II	70 JATINEGARA AK	73 CIRACAS BK	75 CIRACAS X	77 GUNUNG SARI X	79 KALIBATA X	82 TEBET X	84 JAGAKARSA X	T5 I	T5 II	N 9	SUBTOTAL	65 SLIPI	86 JOK	TOTAL
1	KOTA - A I	29	41	19	36	30		25	17	10	5

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