

BAB V

KESIMPULAN

5.1 Kesimpulan

1. Sistem mikrosel yang digunakan pada PHS akan mengurangi kemungkinan terjadinya *blank spot* jika dibandingkan dengan sistem seluler.
2. Pada PHS cenderung menggunakan metode Walfish-Ikegami dikarenakan banyak menghitung redaman yang dapat mengurangi terjadinya *blank spot*.
3. Bila digunakan *Radio Base Station* dengan kapasitas trafik dan pelanggan yang sama maka kapasitas sistem PHS lebih besar dibandingkan sistem seluler karena digunakan sistem mikrosel dan frekuensi reuse yang sering terjadi.
4. Dari hasil analisa bahwa makin banyak jumlah *cell station* yang dibutuhkan makin banyak dapat melayani jumlah pelanggan.

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LAMPIRAN A

TABLE 8.1 Erlang B Model—Blocked Calls Cleared

N	A in Erl													
	(Offered Load)				B (Blocking Probability)									
	0.01%	0.02%	0.03%	0.05%	0.1%	0.2%	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	0.9%	
1	0.0001	0.0002	0.0003	0.0005	0.0010	0.0020	0.0030	0.0040	0.0050	0.0060	0.0070	0.0081	0.0091	
2	0.0142	0.0272	0.0248	0.0321	0.0454	0.0653	0.0806	0.0937	0.105	0.116	0.126	0.135	0.144	
3	0.0844	0.110	0.127	0.152	0.194	0.249	0.288	0.321	0.349	0.374	0.397	0.418	0.437	
4	0.235	0.262	0.315	0.362	0.438	0.535	0.602	0.654	0.701	0.741	0.777	0.810	0.841	
5	0.452	0.527	0.577	0.648	0.762	0.900	0.994	1.07	1.13	1.19	1.24	1.28	1.32	
6	0.728	0.832	0.900	0.996	1.15	1.33	1.45	1.54	1.62	1.68	1.75	1.81	1.86	
7	1.05	1.19	1.27	1.39	1.58	1.80	1.95	2.06	2.16	2.24	2.31	2.36	2.44	
8	1.42	1.58	1.68	1.83	2.05	2.31	2.48	2.62	2.73	2.83	2.91	2.99	3.06	
9	1.83	2.01	2.13	2.30	2.56	2.85	3.05	3.21	3.33	3.44	3.54	3.63	3.71	
10	2.26	2.47	2.61	2.80	3.08	3.43	3.65	3.82	3.96	4.08	4.18	4.27	4.36	
11	2.72	2.96	3.12	3.33	3.65	4.02	4.27	4.45	4.61	4.74	4.86	4.97	5.07	
12	3.21	3.47	3.65	3.86	4.23	4.64	4.90	5.11	5.28	5.43	5.55	5.67	5.78	
13	3.71	4.01	4.19	4.45	4.83	5.27	5.56	5.78	5.96	6.12	6.26	6.39	6.50	
14	4.24	4.56	4.76	5.03	5.45	5.92	6.23	6.47	6.66	6.83	6.98	7.12	7.24	
15	4.78	5.12	5.34	5.63	6.08	6.58	6.91	7.17	7.38	7.54	7.71	7.86	7.99	
16	5.34	5.70	5.94	6.25	6.72	7.26	7.61	7.88	8.10	8.29	8.46	8.61	8.75	
17	5.91	6.30	6.55	6.88	7.38	7.95	8.32	8.60	8.83	9.03	9.21	9.37	9.52	
18	6.50	6.91	7.17	7.52	8.05	8.64	9.03	9.33	9.54	9.79	9.96	10.1	10.3	
19	7.08	7.53	7.80	8.17	8.72	9.35	9.76	10.1	10.3	10.6	10.7	10.8	11.1	
20	7.70	8.16	8.44	8.83	9.41	10.1	10.5	10.8	11.1	11.3	11.5	11.7	11.9	
21	8.32	8.79	9.10	9.50	10.1	10.8	11.2	11.6	11.8	12.1	12.3	12.5	12.7	
22	8.95	9.44	9.76	10.2	10.8	11.5	12.0	12.3	12.6	12.9	13.1	13.3	13.5	
23	9.58	10.1	10.4	10.8	11.5	12.3	12.7	13.1	13.4	13.7	13.9	14.1	14.3	
24	10.2	10.7	11.1	11.4	12.2	13.0	13.5	13.9	14.2	14.5	14.7	14.9	15.1	
25	10.8	11.4	11.8	12.3	13.0	13.8	14.3	14.7	15.0	15.3	15.5	15.7	15.9	
26	11.5	12.1	12.5	13.0	13.7	14.5	15.1	15.5	15.8	16.1	16.3	16.4	16.6	
27	12.2	12.8	13.2	13.7	14.4	15.2	15.8	16.3	16.6	16.9	17.2	17.4	17.6	
28	12.8	13.5	13.9	14.4	15.2	16.1	16.6	17.1	17.4	17.7	18.0	18.2	18.4	
29	13.6	14.2	14.6	15.1	15.8	16.8	17.4	17.8	18.2	18.5	18.8	19.1	19.3	
30	14.2	14.8	15.3	15.8	16.7	17.6	18.2	18.7	19.0	19.4	19.6	19.9	20.1	
31	14.8	15.6	16.0	16.6	17.4	18.4	19.0	19.5	19.8	20.2	20.5	20.7	21.0	
32	15.6	16.3	16.8	17.3	18.2	19.2	19.8	20.3	20.7	21.0	21.3	21.6	21.8	
33	16.3	17.0	17.5	18.1	19.0	20.0	20.6	21.1	21.5	21.8	22.2	22.4	22.7	
34	17.0	17.8	18.2	18.8	19.7	20.8	21.4	21.9	22.3	22.7	23.0	23.3	23.5	
35	17.8	18.5	19.0	19.6	20.5	21.6	22.2	22.7	23.2	23.5	23.8	24.1	24.4	
36	18.5	19.2	19.7	20.3	21.3	22.4	23.1	23.6	24.0	24.4	24.7	25.0	25.3	
37	19.2	20.0	20.5	21.1	22.1	23.2	23.9	24.4	24.8	25.2	25.6	25.9	26.1	
38	19.9	20.7	21.2	21.8	22.8	24.0	24.7	25.2	25.7	26.1	26.4	26.7	27.0	
39	20.6	21.5	22.0	22.6	23.7	24.8	25.5	26.1	26.5	26.9	27.3	27.6	27.9	
40	21.4	22.2	22.7	23.4	24.4	25.6	26.3	26.9	27.4	27.8	28.1	28.5	28.7	
41	22.1	23.0	23.5	24.2	25.2	26.4	27.2	27.8	28.2	28.6	29.0	29.3	29.6	
42	22.8	23.7	24.2	25.0	26.0	27.2	28.0	28.6	29.1	29.5	29.8	30.2	30.5	
43	23.6	24.5	25.0	25.7	26.8	28.1	28.8	29.4	29.9	30.4	30.7	31.1	31.4	
44	24.3	25.2	25.8	26.5	27.6	28.9	29.7	30.3	30.8	31.2	31.6	31.9	32.3	
45	25.1	26.0	26.6	27.3	28.4	29.7	30.5	31.1	31.7	32.1	32.5	32.8	33.1	
46	25.8	26.8	27.3	28.1	29.3	30.5	31.4	32.0	32.5	33.0	33.4	33.7	34.0	
47	26.6	27.5	28.1	28.9	30.1	31.4	32.2	32.9	33.4	33.8	34.2	34.6	34.9	
48	27.3	28.3	28.9	29.7	30.9	32.2	33.1	33.7	34.2	34.7	35.1	35.5	35.8	
49	28.1	29.1	29.7	30.5	31.7	33.0	33.9	34.6	35.1	35.6	36.0	36.4	36.7	
50	28.8	29.8	30.5	31.3	32.5	33.8	34.8	35.4	36.0	36.5	36.8	37.2	37.6	
N	0.01%	0.02%	0.03%	0.05%	0.1%	0.2%	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	0.9%	

TABLE B.1 (Continued)

Air En												
B												
10%	12%	15%	2%	3%	5%	7%	10%	15%	20%	30%	50%	
0.0101	0.0121	0.0152	0.0204	0.0309	0.0526	0.753	0.111	0.176	0.250	0.429	0.667	1.03
0.133	0.164	0.199	0.273	0.287	0.381	0.470	0.595	0.796	1.00	1.45	2.60	2.73
0.455	0.469	0.535	0.602	0.715	0.899	1.08	1.27	1.60	1.93	2.63	3.46	4.58
0.669	0.922	0.992	1.09	1.26	1.52	1.75	2.05	2.50	2.95	3.89	5.02	6.50
1.26	1.43	1.52	1.66	1.88	2.22	2.50	2.84	3.45	4.01	5.19	6.60	8.44
1.91	2.00	2.11	2.28	2.54	2.96	3.30	3.76	4.44	5.11	6.51	8.19	10.4
2.50	2.60	2.74	2.94	3.25	3.74	4.14	4.67	5.46	6.23	7.86	9.80	12.4
3.13	3.25	3.40	3.63	3.99	4.54	5.00	5.60	6.50	7.37	9.21	11.4	14.3
3.78	3.92	4.09	4.34	4.75	5.37	5.84	6.55	7.55	8.52	10.6	13.0	16.3
4.44	4.61	4.81	5.08	5.53	6.22	6.78	7.51	8.62	9.68	12.0	14.7	18.3
5.16	5.32	5.54	5.84	6.33	7.06	7.62	8.40	9.68	10.9	13.3	16.3	20.3
5.89	6.05	6.29	6.61	7.14	7.95	8.41	9.27	10.8	12.0	14.7	18.0	22.2
6.61	6.80	7.05	7.40	7.97	8.83	9.54	10.5	11.9	13.2	16.1	19.6	24.2
7.35	7.56	7.82	8.20	8.80	9.73	10.5	11.5	13.0	14.4	17.5	21.2	26.2
8.11	8.33	8.61	9.01	9.65	10.6	11.4	12.5	14.1	15.6	18.9	22.8	28.2
8.88	9.11	9.41	9.83	10.5	11.5	12.4	13.5	15.2	16.8	20.3	24.5	30.2
9.65	9.89	10.2	10.7	11.4	12.5	13.4	14.5	16.3	18.0	21.7	26.2	32.2
10.4	10.7	11.0	11.5	12.2	13.4	14.3	15.5	17.4	19.2	23.1	27.8	34.2
11.2	11.5	11.8	12.3	13.1	14.3	15.3	16.6	18.5	20.4	24.5	29.5	36.2
12.0	12.3	12.7	13.2	14.0	15.2	16.3	17.6	19.6	21.6	25.8	31.2	38.2
12.8	13.1	13.5	14.0	14.8	16.2	17.3	18.7	20.8	22.8	27.3	32.8	40.2
13.7	14.0	14.3	14.8	15.6	17.1	18.2	19.7	21.9	24.1	28.7	34.5	42.1
14.5	14.8	15.2	15.8	16.7	18.1	19.2	20.7	23.0	25.3	30.1	36.1	44.1
15.3	15.6	16.0	16.6	17.6	19.0	20.2	21.8	24.2	26.5	31.6	37.8	46.1
16.1	16.5	16.8	17.5	18.5	20.0	21.2	22.8	25.3	27.7	33.0	39.4	48.1
17.0	17.3	17.8	18.4	19.4	20.8	22.2	23.9	26.4	28.9	34.4	41.1	50.1
17.8	18.2	18.6	19.3	20.3	21.8	23.2	24.8	27.6	30.2	35.8	42.8	52.1
18.4	19.0	19.5	20.2	21.2	22.8	24.2	26.0	28.7	31.4	37.2	44.4	54.1
19.5	19.8	20.4	21.0	22.1	23.8	25.2	27.1	29.8	32.8	38.6	46.1	56.1
20.3	20.7	21.2	21.8	22.1	24.8	26.2	28.1	31.0	33.8	40.0	47.7	58.1
21.2	21.6	22.1	22.8	24.0	25.8	27.2	29.2	32.1	35.1	41.5	49.4	60.1
22.0	22.5	23.0	23.7	24.9	26.7	28.2	30.2	33.3	36.3	42.8	51.1	62.1
22.8	23.3	23.9	24.6	25.8	27.7	29.3	31.3	34.4	37.5	44.3	52.7	64.1
23.8	24.2	24.8	25.5	26.8	28.7	30.3	32.4	35.6	38.8	45.7	54.4	66.1
24.8	25.1	25.8	26.4	27.7	29.7	31.3	33.4	36.7	40.0	47.1	56.0	68.1
25.5	26.0	26.5	27.3	28.6	30.7	32.3	34.5	37.8	41.2	48.6	57.7	70.1
26.4	26.8	27.4	28.3	29.6	31.6	33.3	35.6	39.0	42.4	50.0	59.4	72.1
27.3	27.7	28.3	29.2	30.5	32.4	34.4	36.6	40.2	43.7	51.4	61.0	74.1
28.1	28.6	29.2	30.1	31.5	33.4	35.4	37.7	41.3	44.9	52.8	62.7	76.1
29.0	29.5	30.1	31.0	32.4	34.6	36.4	38.8	42.5	46.1	54.2	64.4	78.1
29.8	30.4	31.0	31.8	33.4	35.6	37.4	39.8	43.6	47.4	55.7	66.0	80.1
30.8	31.3	31.8	32.8	34.3	36.6	38.4	40.8	44.8	48.6	57.1	67.7	82.1
31.7	32.2	32.8	33.8	35.3	37.6	39.5	42.0	45.9	49.8	58.5	69.3	84.1
32.5	33.1	33.7	34.7	36.2	38.6	40.5	43.1	47.1	51.1	59.8	71.0	86.1
33.4	34.0	34.6	35.6	37.2	39.8	41.5	44.2	48.2	52.3	61.3	72.7	88.1
34.3	34.8	35.6	36.5	38.1	40.5	42.6	45.2	49.4	53.6	62.8	74.3	90.1
35.2	35.6	36.5	37.5	39.1	41.5	43.6	46.3	50.6	54.8	64.2	76.0	92.1
36.1	36.7	37.4	38.4	40.0	42.5	44.6	47.4	51.7	56.0	65.6	77.7	94.1
37.0	37.6	38.3	39.3	41.0	43.5	45.7	48.5	52.9	57.3	67.0	79.3	96.1
37.8	38.5	39.2	40.3	41.9	44.5	46.7	49.6	54.0	58.5	68.5	81.0	98.1
10%	12%	15%	2%	3%	5%	7%	10%	15%	20%	30%	40%	50%

TABLE 0.1 (Continued)

N	A n E1												
	0.01%	0.02%	0.03%	0.05%	0.1%	0.2%	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	0.9%
50	28.8	29.8	30.5	31.3	32.5	33.8	34.8	35.4	36.0	36.5	36.8	37.2	37.6
51	29.6	30.6	31.3	32.1	33.3	34.7	35.6	36.3	36.8	37.3	37.8	38.1	38.5
52	30.4	31.4	32.0	32.8	34.2	35.6	36.5	37.2	37.7	38.2	38.6	39.0	39.4
53	31.2	32.2	32.8	33.7	35.0	36.4	37.3	38.0	38.6	39.1	39.5	39.8	40.3
54	31.9	33.0	33.6	34.5	35.8	37.2	38.2	38.9	39.5	40.0	40.4	40.8	41.2
55	32.7	33.8	34.4	35.3	36.6	38.1	39.0	39.8	40.4	40.9	41.3	41.7	42.1
56	33.5	34.6	35.2	36.1	37.5	38.9	39.8	40.6	41.2	41.7	42.2	42.6	43.0
57	34.3	35.4	36.0	36.9	38.3	39.8	40.8	41.5	42.1	42.6	43.1	43.5	43.9
58	35.1	36.2	36.8	37.8	39.1	40.6	41.6	42.4	43.0	43.5	44.0	44.4	44.8
59	35.8	37.0	37.6	38.6	40.0	41.5	42.5	43.3	43.9	44.4	44.9	45.3	45.7
60	36.6	37.8	38.5	39.4	40.8	42.4	43.4	44.1	44.8	45.3	45.8	46.2	46.6
61	37.4	38.6	39.3	40.2	41.6	43.2	44.2	45.0	45.6	46.2	46.7	47.1	47.5
62	38.2	39.4	40.1	41.0	42.5	44.1	45.1	45.8	46.5	47.1	47.6	48.0	48.4
63	39.0	40.2	40.9	41.8	43.3	44.9	46.0	46.8	47.4	48.0	48.5	48.9	49.3
64	39.8	41.0	41.7	42.7	44.2	45.8	46.8	47.6	48.3	48.9	49.4	49.8	50.2
65	40.6	41.8	42.5	43.5	45.0	46.6	47.7	48.5	49.2	49.8	50.3	50.7	51.1
66	41.4	42.6	43.3	44.4	45.8	47.5	48.6	49.4	50.1	50.7	51.2	51.6	52.0
67	42.2	43.4	44.2	45.2	46.7	48.4	49.5	50.3	51.0	51.6	52.1	52.5	53.0
68	43.0	44.2	45.0	46.0	47.5	49.2	50.3	51.2	51.9	52.5	53.0	53.4	53.9
69	43.8	45.0	45.8	46.8	48.4	50.1	51.2	52.1	52.8	53.4	53.9	54.4	54.8
70	44.6	45.8	46.6	47.7	49.2	51.0	52.1	53.0	53.7	54.3	54.8	55.3	55.7
71	45.4	46.6	47.5	48.5	50.1	51.8	53.0	53.8	54.6	55.2	55.7	56.2	56.6
72	46.2	47.5	48.3	49.4	50.9	52.7	53.8	54.7	55.5	56.1	56.6	57.1	57.5
73	47.0	48.3	49.1	50.2	51.8	53.6	54.7	55.6	56.4	57.0	57.5	58.0	58.5
74	47.8	49.1	49.9	51.0	52.7	54.5	55.6	56.5	57.3	57.9	58.4	58.9	59.4
75	48.6	49.9	50.8	51.8	53.5	55.3	56.5	57.4	58.2	58.8	59.3	59.8	60.3
76	49.4	50.8	51.6	52.7	54.4	56.2	57.4	58.3	59.1	59.7	60.3	60.8	61.2
77	50.2	51.6	52.4	53.6	55.2	57.1	58.3	59.2	60.0	60.6	61.2	61.7	62.1
78	51.1	52.4	53.3	54.4	56.1	58.0	59.2	60.1	60.9	61.5	62.1	62.6	63.1
79	51.9	53.2	54.1	55.3	56.9	58.8	60.1	61.0	61.8	62.4	63.0	63.5	64.0
80	52.7	54.1	54.9	56.1	57.8	59.7	61.0	61.8	62.7	63.3	63.9	64.4	64.9
81	53.5	54.9	55.8	56.9	58.7	60.6	61.8	62.8	63.6	64.2	64.8	65.4	65.8
82	54.3	55.7	56.6	57.8	59.5	61.5	62.7	63.7	64.5	65.2	65.7	66.3	66.8
83	55.1	56.6	57.5	58.6	60.4	62.4	63.6	64.6	65.4	66.1	66.7	67.2	67.7
84	56.0	57.4	58.3	59.5	61.3	63.2	64.5	65.5	66.3	67.0	67.6	68.1	68.6
85	56.8	58.2	59.1	60.4	62.1	64.1	65.4	66.4	67.2	67.9	68.5	69.1	69.6
86	57.6	59.1	60.0	61.2	63.0	65.0	66.3	67.3	68.1	68.8	69.4	70.0	70.5
87	58.4	59.9	60.8	62.1	63.9	65.9	67.2	68.2	69.0	69.7	70.3	70.8	71.4
88	59.3	60.8	61.7	62.9	64.7	66.8	68.1	69.1	69.9	70.6	71.3	71.8	72.3
89	60.1	61.6	62.5	63.8	65.6	67.7	69.0	70.0	70.8	71.6	72.2	72.8	73.3
90	60.9	62.4	63.4	64.6	66.5	68.6	69.9	70.9	71.8	72.5	73.1	73.7	74.2
91	61.8	63.3	64.2	65.5	67.4	69.4	70.8	71.8	72.7	73.4	74.0	74.6	75.1
92	62.6	64.1	65.1	66.3	68.2	70.3	71.7	72.7	73.6	74.3	75.0	75.5	76.1
93	63.4	65.0	65.9	67.2	69.1	71.2	72.6	73.6	74.5	75.2	75.9	76.5	77.0
94	64.2	65.8	66.8	68.1	70.0	72.1	73.5	74.5	75.4	76.2	76.8	77.4	77.9
95	65.1	66.6	67.6	68.9	70.9	73.0	74.4	75.5	76.3	77.1	77.7	78.3	78.9
96	65.9	67.5	68.5	69.8	71.7	73.8	75.3	76.4	77.2	78.0	78.7	79.3	79.8
97	66.8	68.3	69.3	70.7	72.6	74.8	76.2	77.3	78.2	78.9	79.6	80.2	80.7
98	67.6	69.2	70.2	71.5	73.5	75.7	77.1	78.2	79.1	79.8	80.5	81.1	81.7
99	68.4	70.0	71.0	72.4	74.4	76.6	78.0	79.1	80.0	80.8	81.4	82.0	82.6
100	69.3	70.9	71.9	73.2	75.2	77.5	78.9	80.0	80.9	81.7	82.4	83.0	83.5
N	0.01%	0.02%	0.03%	0.05%	0.1%	0.2%	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	0.9%

TABLE 8.1 (Continued)

A n E n												
B												
10%	12%	15%	2%	3%	5%	7%	10%	15%	20%	30%	40%	50%
37.9	31.5	39.2	40.3	41.8	44.5	46.7	49.6	54.0	58.5	68.5	81.0	94.1
38.8	32.4	40.1	41.2	42.9	45.5	47.7	50.6	55.2	59.7	69.9	82.7	100.1
39.7	40.3	41.0	42.1	43.9	46.5	48.8	51.7	56.3	61.0	71.3	84.3	102.1
40.6	41.2	42.0	43.1	44.8	47.5	49.8	52.8	57.5	62.2	72.7	86.0	104.1
41.5	42.1	42.8	44.0	45.8	48.5	50.8	53.9	58.7	63.5	74.2	87.8	106.1
42.4	43.0	43.8	44.9	46.7	49.5	51.9	55.0	59.8	64.7	75.8	89.3	108.1
43.3	43.9	44.7	45.9	47.7	50.5	52.9	56.1	61.0	65.9	77.0	91.0	110.1
44.2	44.8	45.7	46.8	48.7	51.5	53.9	57.1	62.1	67.2	78.4	92.6	112.1
45.1	45.8	46.6	47.8	49.6	52.6	55.0	58.2	63.3	68.4	79.8	94.3	114.1
46.0	46.7	47.5	48.7	50.6	53.6	56.0	59.3	64.5	69.7	81.3	96.0	116.1
46.9	47.6	48.4	49.6	51.6	54.6	57.1	60.4	65.6	70.9	82.7	97.6	118.1
47.8	48.5	49.4	50.6	52.5	55.6	58.1	61.5	66.8	72.1	84.1	99.3	120.1
48.8	48.4	50.3	51.5	53.5	56.6	59.1	62.6	68.0	73.4	85.5	101.0	122.1
49.7	50.4	51.2	52.5	54.5	57.6	60.2	63.7	69.1	74.6	87.0	102.6	124.1
50.6	51.3	52.2	53.4	55.4	58.6	61.2	64.8	70.3	75.9	88.4	104.3	125.1
51.5	52.2	53.1	54.4	56.4	59.6	62.3	65.8	71.4	77.1	89.8	106.0	125.1
52.4	53.1	54.0	55.3	57.4	60.6	63.3	66.9	72.6	78.3	91.2	107.6	130.1
53.4	54.1	55.0	56.3	58.4	61.6	64.4	68.0	73.8	79.6	92.7	109.3	132.1
54.3	55.0	55.9	57.2	59.3	62.6	65.4	69.1	74.9	80.8	94.1	111.0	134.1
55.2	55.9	56.8	58.2	60.3	63.7	66.4	70.2	76.1	82.1	95.5	112.6	136.1
56.1	56.8	57.8	59.1	61.3	64.7	67.5	71.3	77.3	83.3	96.9	114.3	138.1
57.0	57.8	58.7	60.1	62.3	65.7	68.5	72.4	78.4	84.6	98.4	115.9	140.1
58.0	58.7	59.7	61.0	63.2	66.7	69.6	73.5	79.6	85.8	99.8	117.6	142.1
58.9	59.6	60.6	62.0	64.2	67.7	70.6	74.6	80.8	87.0	101.2	119.3	144.1
59.8	60.6	61.6	62.9	65.2	68.7	71.7	75.6	81.9	88.3	102.7	120.9	146.1
60.7	61.5	62.5	63.9	66.2	69.7	72.7	76.7	83.1	89.5	104.1	122.6	148.0
61.7	62.4	63.4	64.8	67.2	70.8	73.8	77.8	84.2	90.8	105.5	124.3	150.0
62.6	63.4	64.4	65.8	68.1	71.8	74.8	78.9	85.4	92.0	106.9	125.8	152.0
63.5	64.3	65.3	66.8	69.1	72.8	75.8	80.0	86.6	93.3	108.4	127.6	154.0
64.4	65.2	66.2	67.7	70.1	73.8	76.8	81.1	87.7	94.5	109.8	129.3	156.0
65.4	66.2	67.2	68.7	71.1	74.8	78.0	82.2	88.9	95.7	111.2	130.9	158.0
66.3	67.1	68.2	69.6	72.1	75.8	79.0	83.3	90.1	97.0	112.6	132.6	160.0
67.2	68.0	69.1	70.6	73.0	76.8	80.1	84.4	91.2	98.2	114.1	134.3	162.0
68.2	69.0	70.1	71.6	74.0	77.9	81.1	85.5	92.4	99.5	115.5	135.9	164.0
69.1	69.9	71.0	72.5	75.0	78.9	82.2	86.6	93.6	100.7	116.9	137.6	166.0
70.0	70.8	71.9	73.5	76.0	79.9	83.2	87.7	94.7	102.0	118.3	139.3	168.0
70.9	71.8	72.9	74.5	77.0	80.8	84.3	88.8	95.9	103.2	119.8	140.9	170.0
71.8	72.7	73.8	75.4	78.0	82.0	85.3	89.9	97.1	104.5	121.2	142.6	172.0
72.8	73.7	74.8	76.4	78.9	83.0	86.4	91.0	98.2	105.7	122.6	144.3	174.0
73.7	74.6	75.7	77.3	79.9	84.0	87.4	92.1	99.4	106.9	124.0	145.9	176.0
74.7	75.6	76.7	78.3	80.8	85.0	88.5	93.1	100.6	108.2	125.5	147.6	178.0
75.6	76.5	77.6	79.3	81.8	86.0	89.5	94.2	101.7	109.4	126.9	149.3	180.0
76.6	77.4	78.6	80.2	82.9	87.1	90.6	95.3	102.9	110.7	128.3	150.9	182.0
77.5	78.4	79.6	81.2	83.9	88.1	91.6	96.4	104.1	111.9	129.7	152.6	184.0
78.4	79.3	80.5	82.2	84.9	89.1	92.7	97.5	105.3	113.2	131.2	154.3	186.0
79.4	80.3	81.5	83.1	85.8	90.1	93.7	98.6	106.4	114.4	132.6	155.9	188.0
80.3	81.2	82.4	84.1	86.8	91.1	94.8	99.7	107.6	115.7	134.0	157.6	190.0
81.2	82.2	83.4	85.1	87.8	92.2	95.8	100.8	108.8	116.9	135.5	159.3	192.0
82.2	83.1	84.3	86.0	88.8	93.2	96.8	101.9	109.9	118.2	136.9	160.9	194.0
83.1	84.1	85.3	87.0	89.8	94.2	97.9	103.0	111.1	119.4	138.3	162.6	196.0
84.1	85.0	86.2	88.0	90.8	95.2	99.0	104.1	112.3	120.6	139.7	164.3	198.0
10%	12%	15%	2%	3%	5%	7%	10%	15%	20%	30%	40%	50%

REASONS OF PHS SUCCESS

1. Low Price (Low Initial Cost, Low Call Charge)
2. Good Terminals
Small, Light weight (85g, 89cc)
Long Waiting / Talking Time
(550hr Waiting Time, 7hr Talking Time)
3. High Quality Services
32kbps ADPCM
Wider Coverage
(Department Store, Subway Station)
Various Applications (Home Codeless,
Transceiver, Office PBX Cordless)
Data communications capability

SERVICE CONCEPT OF PHS

- [1] Common terminal at home, office and outdoor**
 - [2] High speech quality, multimedia capability**
 - [3] Economical charge**
 - [4] Small terminal**
- Long standby time and talking time**

PHS HANDSET (PS)



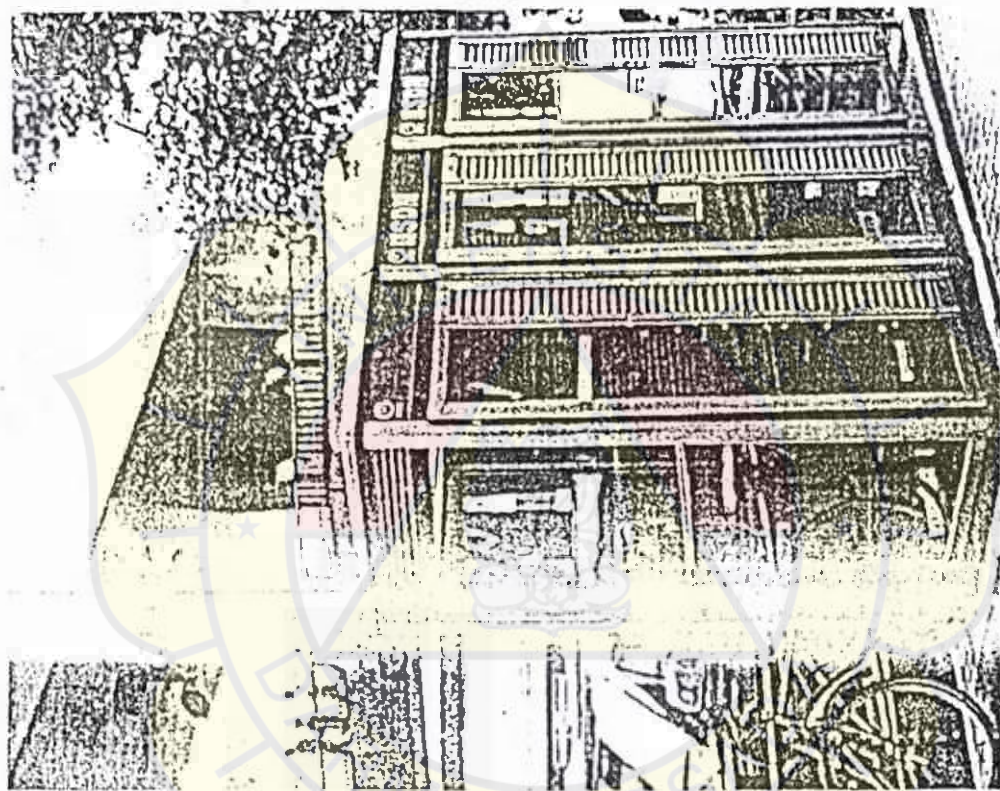
Weight : 89g

Volume : 85cc

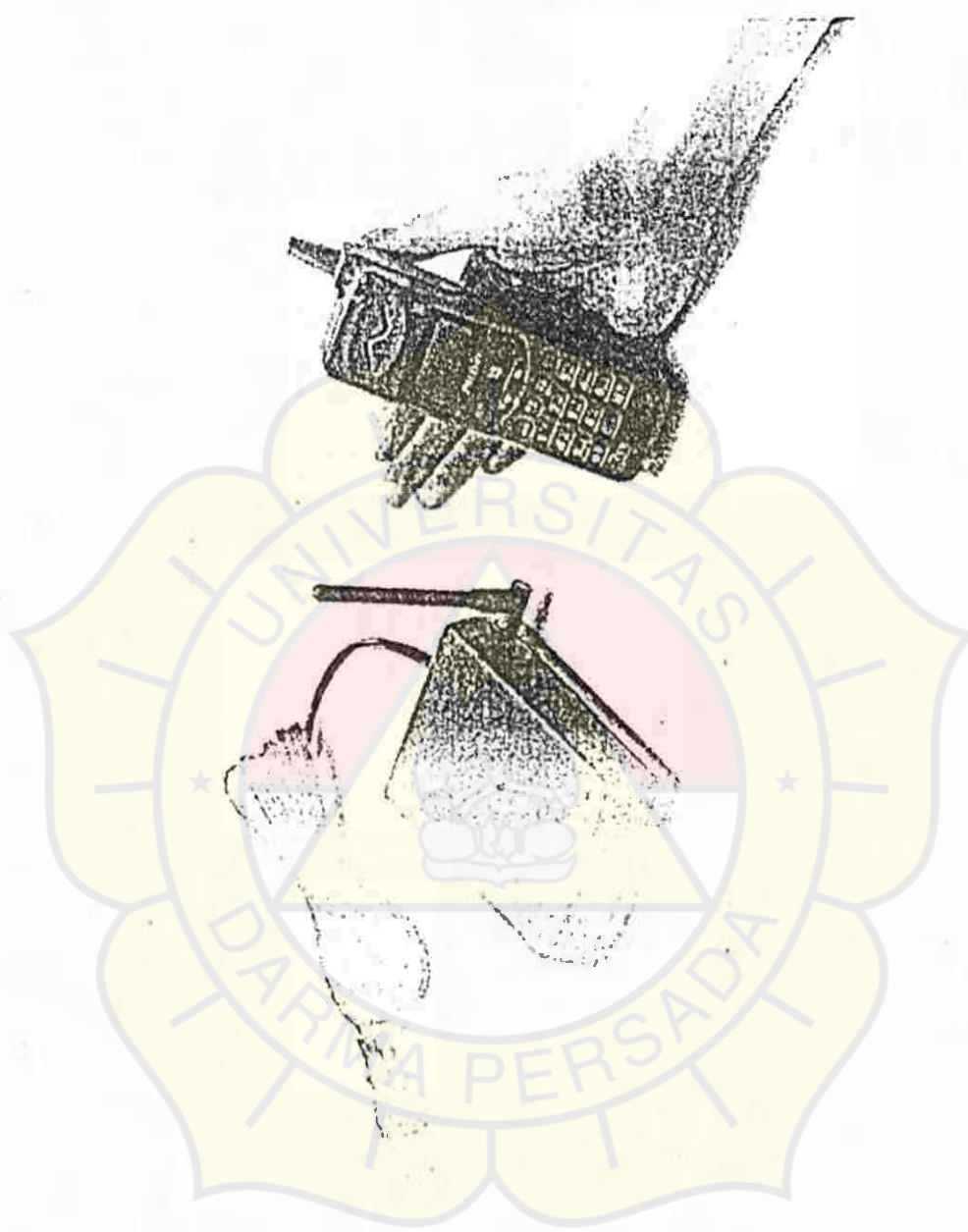
Talking Time : 7 Hours

Stand-by Time : 550 Hours (more than 3 weeks)

(Public Pay Phone Box)



CS FOR HOME CORDLESS APPLICATION



(Telephone Pole)

