

# APPENDIX **D**

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## Erlang Tables

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### Erlang B

Channels	Grade of Service				
	1	1.5	2	3	5
1	0.01	0.012	0.0204	0.0309	0.0526
2	0.153	0.19	0.223	0.282	0.381
3	0.455	0.535	0.602	0.715	0.899
4	0.869	0.992	1.09	1.26	1.52
5	1.36	1.52	1.66	1.88	2.22
6	1.91	2.11	2.28	2.54	2.96
7	2.5	2.74	2.94	3.25	3.74
8	3.13	3.4	3.63	3.99	4.54
9	3.78	4.09	4.34	4.75	5.37
10	4.46	4.81	5.08	5.53	6.22
11	5.16	5.54	5.84	6.33	7.08
12	5.88	6.29	6.61	7.14	7.95
13	6.61	7.05	7.4	7.97	8.83
14	7.35	7.82	8.2	8.8	9.73
15	8.11	8.61	9.01	9.65	10.6
16	8.88	9.41	9.83	10.5	11.5
17	9.65	10.2	10.7	11.4	12.5
18	10.4	11	11.5	12.2	13.4
19	11.2	11.8	12.3	13.1	14.3
20	12	12.7	13.2	14	15.2
21	12.8	13.5	14	14.9	16.2
22	13.7	14.3	14.9	15.8	17.1
23	14.5	15.2	15.8	16.7	18.1
24	15.3	16	16.6	17.6	19
25	16.1	16.9	17.5	18.5	20
26	17	17.8	18.4	19.4	20.9
27	17.8	18.6	19.3	20.3	21.9

## D.2 Appendix D

Channels	Grade of Service				
	1	1.5	2	3	5
28	18.6	19.5	20.2	21.2	22.9
29	19.5	20.4	21	22.2	23.8
30	20.3	21.2	21.9	23.1	24.8
31	21.2	22.1	22.8	24	25.8
32	22	23	23.7	24.9	26.7
33	22.9	23.9	24.6	25.8	27.7
34	23.8	24.8	25.5	26.8	28.7
35	24.6	25.6	26.4	27.7	29.7
36	25.5	26.5	27.3	28.6	30.7
37	26.4	27.4	28.3	29.6	31.6
38	27.3	28.3	29.2	30.5	32.6
39	28.1	29.2	30.1	31.5	33.6
40	29	30.1	31	32.4	34.6
41	29.9	31	31.9	33.4	35.6
42	30.8	31.9	32.8	34.3	36.6
43	31.7	32.8	33.8	35.3	37.6
44	32.5	33.7	34.7	36.2	38.6
45	33.4	34.6	35.6	37.2	39.6
46	34.3	35.6	36.5	38.1	40.5
47	35.2	36.5	37.5	39.1	41.5
48	36.1	37.4	38.4	40	42.5
49	37	38.5	39.3	41	43.5
50	37.9	39.2	40.3	41.9	44.5
51	38.8	40.1	41.2	42.9	45.5
52	39.7	41	42.1	43.9	46.5
53	40.6	42	43.1	44.8	47.5
54	41.5	42.9	44	45.8	48.5
55	42.4	43.8	44.9	46.7	49.5
56	43.3	44.7	45.9	47.7	50.5
57	44.2	45.7	46.8	48.7	51.5
58	45.1	46.6	47.8	49.6	52.6
59	46	47.5	48.7	50.6	53.6
60	46.9	48.4	49.6	51.6	54.6
61	47.9	49.4	50.6	52.5	55.6
62	48.8	50.3	51.5	53.5	56.6
63	49.7	51.2	52.5	54.5	57.6
64	50.6	52.2	53.4	55.4	58.6
65	51.5	53.1	54.4	56.4	59.6
66	52.4	54	55.3	57.4	60.6
67	53.4	55	56.3	58.4	61.6
68	54.3	55.9	57.2	59.3	62.6
69	55.2	56.9	58.2	60.3	63.7
70	56.1	57.8	59.1	61.3	64.7

**Erlang C**

Channels	Grade of Service		
	0.01	0.02	0.05
1	0.01	0.02	0.02
2	0.15	0.21	0.34
3	0.43	0.55	0.79
4	0.81	0.99	1.32
5	1.26	1.50	1.91
6	1.76	2.05	2.53
7	2.3	2.63	3.19
8	2.87	3.25	3.87
9	3.46	3.88	4.47
10	4.08	4.54	5.29
11	4.71	5.21	6.02
12	5.36	5.90	6.76
13	6.03	6.60	7.51
14	6.7	7.31	8.27
15	7.39	8.04	9.04
16	8.09	8.77	9.82
17	8.8	9.51	10.61
18	9.52	10.25	11.40
19	10.24	11.01	12.20
20	10.97	11.77	13.00
21	11.71	12.53	13.81
22	12.46	13.30	14.62
23	13.28	14.08	15.43
24	13.96	14.86	16.25
25	14.72	15.65	17.08
26	15.49	16.44	17.91
27	16.26	17.23	18.74
28	17.03	18.03	19.57
29	17.81	18.83	20.41
30	18.59	19.64	21.25
31	19.37	20.45	22.09
32	20.16	21.26	22.93
33	20.95	22.07	23.78
34	21.75	22.89	24.63
35	22.55	23.71	25.48
36	23.35	24.53	26.34
37	24.15	25.35	27.19
38	24.96	26.18	28.05
39	25.77	27.01	28.91
40	26.58	27.84	29.77

