

PUSTAKA

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LAMPIRAN

1.1. Lampiran Data Waktu Kedatangan Kapal di TPM

Bulan	No.	Nama Kapal	LoA	Jadwal Kedatangan Kapal			Waktu Pelayanan
				Kedatangan	Sandar	Interval (Jam)	
JANUARI	1	MERATUS KELIMUTU	120	26/12/18 1:30	1/01/19 2:10	0	108.83
	2	TANTO LESTARI	135	26/12/18 2:00	1/01/19 8:40	5.83	13.58
	3	SINAR PRAYA	110	27/12/18 19:00	2/01/19 2:25	15.33	62.33
	4	SPIL HAYU	133	28/12/18 10:38	3/01/19 4:30	26.08	39.33
	5	HILIR MAS	145	28/12/18 9:00	3/01/19 6:35	2.08	53.00
	6	MULI ANIM KM	91	28/12/18 18:18	3/01/19 18:00	12.41	35.25
	7	MERATUS KAPUAS	115	29/12/18 13:42	4/01/19 20:00	26.43	46.83
	8	STRAIT MAS	153	3/01/19 16:10	5/01/19 0:05	4.083	59.95
	9	MARE MAS	119	29/12/18 16:25	5/01/19 8:15	8.16	25.08
	10	MERATUS MANADO	144	30/12/18 10:06	5/01/19 13:50	5.58	101.48
	11	CTP INNOVATION	126	30/12/18 12:00	5/01/19 18:45	5.08	81.25
	12	MERATUS BATAM	128	31/12/18 1:00	6/01/19 11:38	14.78	72.33
	13	PAHALA	95	31/12/18 6:25	6/01/19 22:50	11.2	18.83
	14	CAPE MAGNUS	209	6/01/19 18:00	7/01/19 16:00	17.83	12.25
	15	ORIENTAL EMERALD	150	31/12/18 18:27	7/01/19 21:25	5.41	19.75
	16	MERATUS KENDARI	120	31/12/18 20:50	8/01/19 9:47	12.36	18.75
	17	ICON PERDANA	85	1/01/19 20:40	8/01/19 21:50	12.05	21.42
	18	BALI KUTA	97	2/01/19 5:20	9/01/19 7:20	9.5	26.25
	19	SPIL NISAKA	196	1/01/19 14:40	9/01/19 11:30	4.16	58.13
	20	GUHI MAS	86	7/01/19 5:36	9/01/19 15:58	4.46	25.63
	21	TANTO LUAS	115	9/01/19 21:55	9/01/19 21:55	5.96	46.65
	22	SEGARA MAS	215	2/01/19 10:37	10/01/19 0:45	5.83	71.78
	23	SINAR PRAYA	110	9/01/19 10:00	10/01/19 13:40	12.91	43.07
	24	MERATUS LEMBAR	123	5/01/19 15:42	10/01/19 20:44	7.067	44.08
	25	SENDANG MAS	111	11/01/19 22:00	12/01/19 1:10	53.56	50.42
	26	TANTO HARMONI	97	10/01/19 0:52	12/01/19 7:00	6.83	20.00
	27	MERATUS MEDAN 2	174	5/01/19 20:42	13/01/19 2:40	19.66	81.33
	28	CTP GOLDEN	145	10/01/19 1:47	13/01/19 14:30	11.16	57.50
	29	SITC SURABAYA	220	14/01/19 5:00	14/01/19 7:00	16.5	7.82
	30	MERATUS KELIMUTU	120	10/01/19 9:29	14/01/19 22:45	14.25	41.33
	31	SPIL HANA	119	10/01/19 22:20	16/01/19 4:33	27.8	25.00
	32	MERATUS KAPUAS	115	12/01/19 15:24	16/01/19 14:20	3.21	38.00
	33	TANTO CAHAYA	147	13/01/19 7:40	17/01/19 1:23	5.05	52.50
	34	TANTO SEMANGAT	140	12/01/19 19:50	17/01/19 6:30	5.28	27.75
	35	SPIL NIKEN	208	13/01/19 16:30	18/01/19 11:45	5.25	47.50
	36	SELAT MAS	163	13/01/19 17:15	18/01/19 15:05	1.33	31.67
	37	TASIK MAS	115	15/01/19 13:06	19/01/19 11:30	21.41	16.13
	38	SINAR PRAYA	110	17/01/19 18:30	20/01/19 1:55	13.41	21.80
	39	KEDUNG MAS	119	16/01/19 1:13	20/01/19 8:30	7.41	7.08
	40	CTP INNOVATION	126	17/01/19 19:09	20/01/19 16:25	7.91	45.83
	41	MERATUS TOMINI	205	20/01/19 18:00	20/01/19 18:13	1.8	6.17
	42	MERATUS MANADO	144	17/01/19 20:00	21/01/19 2:30	5.28	31.25
	43	MERATUS KUPANG	120	18/01/19 13:00	21/01/19 3:45	1.25	55.42
	44	TANTO DAMAI	126	20/01/19 3:18	23/01/19 9:35	53.83	45.08
	45	MERATUS MAKASSAR	149	20/01/19 5:00	23/01/19 11:20	2.75	38.07
	46	ORIENTAL MUTIARA	177	20/01/19 9:25	23/01/19 16:20	5	39.50
	47	SITU MAS	205	20/01/19 12:05	25/01/19 6:25	31.66	59.17
	48	TANTO BERSAMA	184	20/01/19 14:43	25/01/19 10:30	4.08	62.75
	49	CTP HONOUR	117	21/01/19 12:30	25/01/19 18:30	8	27.50
	50	ORIENTAL SILVER	150	22/01/19 11:00	27/01/19 1:00	30.5	21.17
	51	MERATUS MEDAN 2	174	22/01/19 17:30	27/01/19 20:00	19	62.25
	52	LAILA	215	27/01/19 20:52	28/01/19 2:15	6.25	12.33
	53	TANTO JAYA	135	23/01/19 23:45	28/01/19 20:15	18	17.77
	54	CTP GOLDEN	145	23/01/19 21:00	29/01/19 14:25	18.166	44.68
	55	TANTO SEMANGAT	140	24/01/19 13:50	29/01/19 17:26	3.01	17.37
	56	MERATUS KAPUAS	115	25/01/19 2:35	30/01/19 11:44	14.3	31.83
	57	BALI KUTA	97	25/01/19 12:25	30/01/19 14:50	3.01	10.75
	58	MENTARI SEJAHTERA	79	26/01/19 19:50	31/01/19 9:35	18.75	11.38
	59	TANTO RAYA	120	27/01/19 2:45	31/01/19 15:15	5.66	25.42



FEBRUARI

60	SPIL NITA	196	27/01/19 22:05	1/02/19 1:00	9.45	47.33
61	MERATUS KENDARI	120	27/01/19 6:30	1/02/19 2:34	13.33	47.98
62	TANTO BAGUS	126	28/01/19 21:00	1/02/19 21:15	28.67	12.17
63	SAVIOUR	101	29/01/19 13:13	2/02/19 13:00	7.50	19.45
64	TANTO CAHAYA	147	29/01/19 13:24	2/02/19 18:10	9.25	40.67
65	MERATUS KUPANG	120	30/01/19 22:00	2/02/19 22:20	6.58	59.50
66	TANTO LESTARI	135	30/01/19 16:15	3/02/19 5:05	7.08	34.75
67	TANTO EXPRESS	144	31/01/19 9:33	3/02/19 17:55	7.17	20.95
68	SINAR PRAYA	110	31/01/19 12:48	4/02/19 2:45	7.38	33.00
69	CTP FORTUNE	161	1/02/19 12:42	4/02/19 5:45	17.40	9.58
70	SEGARA MAS	215	1/02/19 23:00	4/02/19 7:25	6.47	36.62
71	CAPE MAGNUS	209	4/02/19 11:45	5/02/19 2:15	15.00	31.25
72	CTP HONOUR	117	1/02/19 23:15	5/02/19 17:00	3.83	28.32
73	MERATUS KELIMUTU	120	2/02/19 7:00	6/02/19 4:30	22.00	10.58
74	SUNGAI MAS	193	2/02/19 21:15	6/02/19 19:45	9.17	14.58
75	STRAIT MAS	153	2/02/19 3:24	6/02/19 21:10	0.75	8.75
76	SITU MAS	205	4/02/19 12:15	8/02/19 4:00	6.33	31.07
77	CTP INNOVATION	126	5/02/19 21:30	8/02/19 22:35	7.08	16.38
78	ORIENTAL GOLD	161	6/02/19 2:34	9/02/19 0:30	5.42	25.30
79	MERATUS BATAM	128	6/02/19 10:26	9/02/19 7:25	17.83	14.92
80	TANTO HANDAL	98	7/02/19 4:50	10/02/19 3:15	9.08	8.75
81	TANTO BERSAMA	184	6/02/19 18:00	10/02/19 10:34	3.37	48.83
82	TANTO RAYA	120	7/02/19 11:30	10/02/19 17:40	8.58	31.42
83	SENDANG MAS	111	8/02/19 4:30	11/02/19 15:50	2.58	44.08
84	SITC SURABAYA	220	11/02/19 9:00	12/02/19 3:44	8.17	42.10
85	MERATUS MANADO	144	9/02/19 10:00	12/02/19 22:00	8.67	38.75
86	MERATUS KENDARI	120	8/02/19 11:05	14/02/19 6:40	6.32	24.50
87	SINAR PRAYA	110	11/02/19 7:48	14/02/19 12:30	5.52	47.63
88	MERATUS KUPANG	120	9/02/19 4:05	14/02/19 17:15	0.83	18.00
89	ORIENTAL DIAMOND	210	12/02/19 1:08	15/02/19 21:45	4.78	52.92
90	CTP HONOUR	117	12/02/19 8:10	16/02/19 1:40	17.38	23.08
91	CTP FORTUNE	161	13/02/19 10:30	16/02/19 11:20	3.50	16.75
92	MERATUS KELIMUTU	120	13/02/19 18:00	17/02/19 11:50	8.00	35.73
93	MERATUS TOMINI	205	17/02/19 18:00	18/02/19 1:00	7.00	17.33
94	TANTO SEMANGAT	140	13/02/19 22:30	18/02/19 2:34	6.72	5.05
95	KANAL MAS	150	14/02/19 3:02	18/02/19 21:35	10.87	7.97
96	TANTO STAR	138	14/02/19 23:30	19/02/19 8:30	3.50	34.15
97	MERATUS BATAM	128	17/02/19 1:20	19/02/19 18:15	7.42	11.10
98	MERATUS GORONTALO	158	17/02/19 2:30	20/02/19 4:20	5.92	47.25
99	JAVELIN	79	17/02/19 4:29	21/02/19 1:45	7.25	15.42
100	TANTO RAYA	120	18/02/19 10:48	21/02/19 6:30	13.38	10.42
101	SPIL NIRMALA	199	18/02/19 17:45	21/02/19 18:30	6.03	8.00
102	CTP INNOVATION	126	18/02/19 19:22	22/02/19 7:00	7.83	30.17
103	TANTO HARMONI	97	19/02/19 7:25	22/02/19 8:10	1.67	9.73
104	SPRING MAS	183	20/02/19 3:40	23/02/19 4:08	2.00	18.80
105	SENDANG MAS	111	20/02/19 12:15	23/02/19 11:26	21.42	14.58
106	MERATUS KENDARI	120	20/02/19 22:18	23/02/19 11:40	2.17	41.67
107	TANTO SENANG	132	21/02/19 2:00	24/02/19 13:45	12.72	49.00
108	TANTO CAHAYA	147	21/02/19 5:30	24/02/19 20:12	4.28	59.50
109	TANTO CERIA	144	21/02/19 2:00	25/02/19 4:32	4.58	41.98
110	MERATUS KUPANG	120	21/02/19 9:54	25/02/19 5:31	18.58	51.48
111	ORIENTAL SILVER	150	21/02/19 23:25	25/02/19 23:15	14.95	12.50
112	MERATUS MANADO	144	22/02/19 21:15	26/02/19 4:00	9.88	40.05
113	SINAR PRAYA	110	23/02/19 18:00	26/02/19 12:20	8.33	12.50
114	CTP HONOUR	117	24/02/19 12:48	26/02/19 21:00	15.58	21.18
115	MERATUS KELIMUTU	120	25/02/19 21:15	27/02/19 14:00	8.67	17.58
116	CTP FORTUNE	161	25/02/19 21:42	27/02/19 15:40	10.83	30.58
117	TANTO SEMANGAT	140	26/02/19 7:16	28/02/19 1:50	4.50	21.78
118	SITU MAS	205	27/02/19 18:00	28/02/19 23:10	5.42	25.17



119 TANTO BERSATU	184	28/02/19 6:21	1/03/19 8:00	8.40	47.33
120 MERATUS MEDAN2	174	28/02/19 1:18	1/03/19 21:20	13.33	47.98
121 MENTARI SELARAS	95	28/02/19 22:00	3/03/19 2:00	28.67	12.17
122 TANTO SAKTI 1	118	28/02/19 23:10	3/03/19 10:30	7.50	19.45
123 MERATUS GORONTALO	150	2/03/19 0:41	3/03/19 19:45	9.25	40.67
124 SEGARA MAS	215	2/03/19 17:00	4/03/19 2:20	6.58	59.50
125 MERATUS KENDARI	120	2/03/19 4:15	4/03/19 9:25	7.08	34.75
126 TANTO HORAS	97	3/03/19 8:12	5/03/19 16:35	7.17	20.95
127 CTP INNOVATION	126	3/03/19 9:40	5/03/19 23:58	7.38	33.00
128 TANTO LESTARI	135	3/03/19 14:40	6/03/19 17:22	17.40	9.58
129 MERATUS KUPANG	120	4/03/19 13:24	6/03/19 18:50	6.47	36.62
130 SINAR PRAYA	110	4/03/19 23:54	7/03/19 9:10	15.00	31.25
131 CTP HONOUR	117	5/03/19 7:15	7/03/19 13:00	3.83	28.32
132 ORIENTAL DIAMOND	210	5/03/19 9:30	8/03/19 11:00	22.00	10.58
133 MENTARI SAHABAT	89	5/03/19 21:25	8/03/19 20:10	9.17	14.58
134 ARMADA PERMATA	121	6/03/19 11:20	8/03/19 20:55	0.75	8.75
135 TANTO STAR	138	7/03/19 1:54	9/03/19 3:15	6.33	31.07
136 TANTO RAYA	120	7/03/19 4:50	9/03/19 10:20	7.08	16.38
137 UMBUL MAS	143	7/03/19 19:00	9/03/19 15:45	5.42	25.30
138 SELAT MAS	163	8/03/19 12:12	10/03/19 9:35	17.83	14.92
139 TANTO SIAP	127	8/03/19 18:45	10/03/19 16:45	9.08	8.75
140 MERATUS MANADO	144	9/03/19 22:50	10/03/19 20:07	3.37	48.83
141 MV LAILA	215	11/03/19 1:00	11/03/19 4:45	8.58	31.42
142 MERATUS MEDAN2	174	10/03/19 3:48	11/03/19 7:20	2.58	44.08
143 CTP GOLDEN	145	11/03/19 9:12	12/03/19 15:30	8.17	42.10
144 ORIENTAL RUBY	176	11/03/19 9:18	13/03/19 0:10	8.67	38.75
145 TANTO SENTOSA	105	12/03/19 3:33	13/03/19 6:29	6.32	24.50
146 SUNGAI MAS	193	13/03/19 3:30	14/03/19 12:00	5.52	47.63
147 TANTO HORAS	97	13/03/19 8:39	14/03/19 12:50	0.83	18.00
148 MERATUS KUPANG	120	13/03/19 13:42	14/03/19 17:37	4.78	52.92
149 CTP HONOUR	117	13/03/19 23:55	15/03/19 11:00	17.38	23.08
150 SINAR PRAYA	110	14/03/19 6:00	16/03/19 14:30	3.50	16.75
151 TANTO CAHAYA	147	14/03/19 13:42	16/03/19 22:30	8.00	35.73
152 SPIL HAPSRI	133	14/03/19 20:05	17/03/19 5:30	7.00	17.33
153 TANTO CERIA	144	15/03/19 3:56	17/03/19 11:53	6.72	5.05
154 TANTO SENANG	132	15/03/19 11:00	17/03/19 22:45	10.87	7.97
155 TASIK MAS	115	15/03/19 18:00	18/03/19 2:15	3.50	34.15
156 MERATUS TOMINI	205	18/03/19 9:10	18/03/19 9:40	7.42	11.10
157 SENDANG MAS	220	15/03/19 18:20	18/03/19 15:35	5.92	47.25
158 CTP INNOVATION	126	16/03/19 10:15	19/03/19 0:50	7.25	15.42
159 TANTO SAKTI 1	118	16/03/19 10:15	19/03/19 14:13	13.38	10.42
160 ORIENTAL EMERALD	150	18/03/19 7:18	19/03/19 20:15	6.03	8.00
161 SPIL NINGSIH	195	18/03/19 10:30	20/03/19 4:05	7.83	30.17
162 ORIENTAL SILVER	150	18/03/19 18:25	20/03/19 5:45	1.67	9.73
163 TANTO RAYA	120	18/03/19 18:17	20/03/19 7:45	2.00	18.80
164 SPRING MAS	183	18/03/19 18:30	21/03/19 5:10	21.42	14.58
165 MERATUS MANADO	144	19/03/19 12:12	21/03/19 7:20	2.17	41.67
166 CTP GOLDEN	145	21/03/19 12:00	21/03/19 20:03	12.72	49.00
167 MERATUS MEDAN 2	174	19/03/19 18:48	22/03/19 0:20	4.28	59.50
168 SEGARA MAS	215	21/03/19 20:45	23/03/19 4:55	4.58	41.98
169 TANTO STAR	138	22/03/19 6:24	23/03/19 23:30	18.58	51.48
170 TANTO PERMAI	144	22/03/19 7:00	24/03/19 14:27	14.95	12.50
171 CTP HONOUR	117	24/03/19 22:00	25/03/19 0:20	9.88	40.05
172 CAPE MAGNUS	209	25/03/19 7:30	25/03/19 8:40	8.33	12.50
173 SINAR PRAYA	110	24/03/19 1:42	26/03/19 0:15	15.58	21.18
174 CTP INNOVATION	126	24/03/19 21:00	26/03/19 8:55	8.67	17.58
175 MERATUS PEKANBARU	117	26/03/19 6:04	26/03/19 19:45	10.83	30.58
176 TANTO HORAS	97	25/03/19 23:03	27/03/19 0:15	4.50	21.78
177 STRAIT MAS	153	26/03/19 12:02	27/03/19 5:40	5.42	25.17
178 TASIK MAS	115	27/03/19 2:14	28/03/19 0:30	18.83	19.88
179 MERATUS MINAHASA	136	27/03/19 23:00	28/03/19 6:35	6.08	41.50
180 TANTO BERSATU	184	28/03/19 6:05	28/03/19 11:00	4.42	58.83
181 TANTO SALAM	137	28/03/19 8:57	28/03/19 23:13	12.22	9.17
182 MERATUS MAMIRI	149	28/03/19 11:00	29/03/19 15:50	16.62	33.35
183 SINAR JEPARA	116	29/03/19 6:30	30/03/19 3:54	9.07	10.33
184 SPIL HASYA	133	29/03/19 13:00	30/03/19 22:55	19.02	14.80
185 ORIENTAL RUBY	176	30/03/19 7:06	31/03/19 1:25	2.50	17.17
186 CTP FORTUNE	161	31/03/19 9:00	31/03/19 10:00	8.58	24.75
187 MERATUS MEDAN 2	174	31/03/19 15:00	31/03/19 20:41	10.68	50.25
188 TANTO BAGUS	126	31/03/19 21:00	31/03/19 23:00	2.32	4.33

MARET



APRIL

189	SITU MAS	205	31/03/19 23:00	1/04/19 7:55	8.55	53.52
190	LUZON	147	1/04/19 23:54	2/04/19 11:05	27.17	17.75
191	SEGARA MAS	215	1/04/19 23:59	3/04/19 1:10	14.08	25.92
192	SPIL NITA	196	2/04/19 3:19	3/04/19 9:45	8.58	24.33
193	CTP INNOVATION	126	2/04/19 20:40	3/04/19 16:02	6.28	19.92
194	MERATUS MANADO	144	2/04/19 21:24	4/04/19 6:20	6.30	43.58
195	TANTO SIAP	127	3/04/19 0:12	4/04/19 12:30	6.17	14.58
196	TANTO RAYA	120	3/04/19 20:00	4/04/19 15:25	2.92	16.97
197	TANTO CAHAYA	147	3/04/19 23:20	6/04/19 7:15	15.83	34.17
198	TANTO SENANG	132	5/04/19 3:50	6/04/19 10:25	3.17	10.87
199	TASIK MAS	115	6/04/19 21:45	7/04/19 1:57	15.53	25.92
200	BALI KUTA	97	5/04/19 20:35	7/04/19 3:45	1.80	19.00
201	TANTO CERIA	144	6/04/19 3:15	7/04/19 20:55	17.17	6.00
202	SENDANG MAS	220	7/04/19 4:50	8/04/19 9:30	12.58	25.92
203	LAILA	215	8/04/19 7:00	8/04/19 11:15	1.75	14.58
204	SPIL HAYU	133	9/04/19 2:00	9/04/19 5:30	18.25	15.00
205	TANTO HORAS	97	9/04/19 13:00	9/04/19 15:00	9.50	17.18
206	MERATUS MAMIRI	149	9/04/19 14:20	10/04/19 1:10	10.17	38.00
207	MERATUS MEDAN 2	174	9/04/19 18:54	10/04/19 10:53	9.72	44.00
208	CTP INNOVATION	126	9/04/19 20:57	10/04/19 20:10	9.28	25.92
209	CTP FORTUNE	161	9/04/19 20:00	12/04/19 0:20	4.00	38.33
210	SITU MAS	205	10/04/19 12:58	12/04/19 11:09	10.82	27.08
211	TANTO STAR	138	12/04/19 2:50	13/04/19 17:45	6.60	28.75
212	ORIENTAL DIAMOND	196	13/04/19 15:00	13/04/19 20:25	2.58	16.33
213	TANTO HARMONI	97	14/04/19 9:00	14/04/19 9:45	13.33	7.13
214	MERATUS MANADO	144	15/04/19 4:10	15/04/19 5:30	19.75	63.50
215	TANTO DAMAI	126	15/04/19 11:00	15/04/19 12:10	6.67	9.33
216	TANTO SELALU	127	15/04/19 7:17	15/04/19 22:55	10.75	12.00
217	ARMADA PERMATA	121	15/04/19 18:37	16/04/19 16:56	18.02	22.67
218	SUNGAI MAS	193	15/04/19 22:12	16/04/19 21:20	4.40	51.25
219	TASIK MAS	115	16/04/19 20:55	18/04/19 7:15	10.92	27.13
220	CTP INNOVATION	126	16/04/19 23:16	19/04/19 15:16	32.02	23.50
221	TANTO BERSATU	184	18/04/19 1:10	19/04/19 20:10	4.73	44.58
222	MERATUS MEDAN 2	174	20/04/19 12:48	20/04/19 17:20	21.00	61.22
223	CTP FORTUNE	161	21/04/19 5:30	21/04/19 20:11	26.85	33.15
224	TANTO PERMAI	144	22/04/19 0:12	23/04/19 0:43	28.70	15.25
225	SPIL HANA	119	22/04/19 7:10	23/04/19 8:15	7.53	13.92
226	TANTO SALAM	137	22/04/19 18:30	23/04/19 11:10	2.92	10.75
227	TANTO LESTARI	135	23/04/19 9:15	23/04/19 17:55	6.75	6.00
228	SPIL NITA	196	22/04/19 9:55	24/04/19 2:40	8.75	10.62
229	SEGARA MAS	215	23/04/19 6:00	24/04/19 4:00	1.33	36.75
230	TANTO RAYA	120	23/04/19 20:00	25/04/19 5:10	25.17	8.25
231	MERATUS BATAM	128	25/04/19 18:00	25/04/19 19:10	14.00	8.92
232	TANTO CAHAYA	147	26/04/19 17:30	26/04/19 17:45	24.58	20.75
233	BALI AYU	97	27/04/19 8:30	27/04/19 18:22	24.62	15.50
234	MERATUS MANADO	144	27/04/19 15:10	27/04/19 22:15	3.98	56.50
235	CTP INNOVATION	126	28/04/19 23:00	28/04/19 23:45	25.50	35.25
236	MERATUS KAMPAR	115	29/04/19 8:42	30/04/19 7:27	31.67	8.87
237	LUZON	147	30/04/19 10:30	30/04/19 11:30	4.01	15.40
238	TANTO SURYA	120	30/04/19 11:00	30/04/19 14:35	3.08	10.00



Bulan	No.	Nama Kapal	LoA	Jadwal Kedatangan Kapal			Waktu Pelayanan
				Kedatangan	Sandar	Interval (Jam)	
	239	SPIL HAPSRI	133	29/04/19 20:18	1/05/19 9:30	18.55	7.88
	240	MARE MAS	119	1/05/19 2:46	1/05/19 20:00	10.50	15.25
	241	TANTO DAMAI	126	1/05/19 3:30	2/05/19 15:05	19.08	17.68
	242	SINAR JEPARA	116	1/05/19 14:58	3/05/19 2:45	11.67	16.68
	243	CTP FORTUNE	161	1/05/19 15:00	3/05/19 3:50	1.08	41.42
	244	SEGARA MAS	215	2/05/19 0:18	3/05/19 12:30	7.67	23.73
	245	MERATUS MEDAN 2	174	2/05/19 20:00	4/05/19 14:25	25.92	59.00
	246	TANTO STAR	138	3/05/19 7:00	5/05/19 3:00	12.58	39.95
	247	TANTO SAKTI 2	125	4/05/19 2:45	5/05/19 4:30	1.50	11.42
	248	TANTO SENANG	132	6/05/19 14:00	7/05/19 1:15	46.75	12.00
	249	TANTO HANDAL	98	7/05/19 10:55	7/05/19 12:55	11.67	7.42
	250	SPIL NIRMALA	199	7/05/19 13:30	7/05/19 15:00	2.08	41.82
	251	SENDANG MAS	216	7/05/19 18:30	8/05/19 2:25	11.42	34.67
	252	STRAIT MAS	153	9/05/19 12:30	9/05/19 18:30	39.58	24.50
	253	TANTO PERMAI	144	9/05/19 6:15	9/05/19 22:15	3.75	10.12
	254	CTP INNOVATION	126	9/05/19 20:20	10/05/19 16:45	18.50	28.45
	255	TANTO BERSATU	184	9/05/19 15:00	10/05/19 22:22	5.62	33.63
	256	MERATUS KALABAHI	120	10/05/19 20:33	11/05/19 12:00	13.80	3.48
	257	MARE MAS	119	11/05/19 0:05	11/05/19 20:00	8.00	12.20
	258	MERATUS MAKASSAR	149	10/05/19 2:12	12/05/19 13:05	17.01	36.58
	259	SITU MAS	205	12/05/19 12:36	12/05/19 15:50	2.75	9.08
	260	CTP FORTUNE	161	12/05/19 19:24	14/05/19 1:40	33.83	32.08
	261	SPIL NIKEN	208	12/05/19 9:36	14/05/19 3:40	2.00	26.75
	262	TANTO LESTARI	135	13/05/19 20:00	14/05/19 12:50	9.17	10.30
	263	NUSANTARA PELANGI	90	9/05/19 3:35	15/05/19 1:20	12.50	10.58
	264	SPIL HASYA	133	13/05/19 18:00	15/05/19 15:15	13.92	18.01
	265	TANTO SEMANGAT	140	13/05/19 2:45	15/05/19 16:30	1.25	16.90
	266	TANTO RAYA	120	14/05/19 15:30	16/05/19 15:00	22.50	24.00
	267	MERATUS MEDAN 2	174	15/05/19 2:00	17/05/19 3:41	12.68	34.00
	268	HIJAU JELITA	135	17/05/19 12:30	17/05/19 15:20	11.65	10.17
	269	ARMADA PERMATA	121	15/05/19 13:06	17/05/19 18:30	3.17	3.83
	270	SENDANG MAS	216	16/05/19 7:20	18/05/19 1:40	7.33	24.08
	271	ORIENTAL RUBY	176	15/05/19 18:45	18/05/19 4:05	2.42	9.17
	272	TANTO CAHAYA	147	16/05/19 15:36	18/05/19 17:40	13.58	47.00
	273	TANTO SALAM	137	16/05/19 23:42	19/05/19 6:00	12.33	13.92
	274	TANTO HORAS	97	18/05/19 0:11	20/05/19 0:40	18.67	9.62
	275	TANTO SELALU	127	19/05/19 10:05	20/05/19 20:40	20.00	12.55
	276	SPIL HAYU	133	20/05/19 12:35	21/05/19 0:55	4.25	37.03
	277	MARE MAS	119	19/05/19 21:10	21/05/19 10:00	9.01	15.58
	278	CTP INNOVATION	126	20/05/19 5:04	21/05/19 11:15	1.25	32.17
	279	SUNGAI MAS	193	21/05/19 12:42	23/05/19 0:28	13.22	44.25
	280	TANTO SEPAKAT	105	20/05/19 22:30	23/05/19 0:45	0.28	19.00
	281	HIJAU TERANG	122	21/05/19 23:02	24/05/19 0:05	23.67	9.75
	282	TANTO SEJAHTERAH	137	22/05/19 1:05	24/05/19 12:45	12.67	11.17
	283	MERATUS BATAM	128	22/05/19 14:05	24/05/19 23:45	11.00	20.00
	284	TANTO TERANG	144	22/05/19 11:39	25/05/19 3:30	3.75	31.58
	285	TANTO PERMAI	144	22/05/19 18:30	26/05/19 17:30	37.50	6.27
	286	MERATUS MAKASSAR	149	24/05/19 10:25	26/05/19 17:40	0.17	48.83
	287	ARMADA PERMATA	121	24/05/19 11:30	27/05/19 4:45	11.08	16.08
	288	SEGARA MAS	215	24/05/19 16:54	27/05/19 23:50	19.08	39.87
	289	TANTO SUKSES	129	25/05/19 7:34	28/05/19 13:30	13.67	7.80
	290	SPIL HANA	119	26/05/19 6:04	28/05/19 20:48	7.30	11.25
	291	MERATUS MEDAN 2	174	26/05/19 8:24	29/05/19 18:15	21.45	52.67
	292	CTP GOLDEN	145	27/05/19 9:00	30/05/19 15:15	21.00	23.00
	293	MARE MAS	119	27/05/19 14:00	31/05/19 6:00	14.75	15.62
	294	LUMOSO SELAMAT	106	27/05/19 14:34	31/05/19 18:00	12.00	3.98

MEI



JUNI

295 TANTO RAYA	120	30/05/19 23:18	1/06/19 1:55	7.55	8.57
296 SITU MAS	205	2/06/19 18:00	2/06/19 19:45	21.83	20.28
297 LAILA	215	3/06/19 6:00	3/06/19 7:44	11.98	6.58
298 SPIL HAPSRI	133	3/06/19 6:30	3/06/19 8:25	0.68	6.62
299 STRAIT MAS	153	2/06/19 9:16	3/06/19 20:10	11.75	11.08
300 ARMADA PAPUA	149	2/06/19 15:00	3/06/19 21:40	1.50	12.50
301 MERATUS LABAN BAJO	109	5/06/19 7:20	8/06/19 7:20	9.67	25.58
302 MERATUS GORONTALO	150	5/06/19 7:20	15/06/19 16:50	9.50	31.62
303 CTP HONOUR	117	30/05/19 1:30	16/06/19 15:30	0.67	19.42
304 CTP INNOVATION	126	9/06/19 16:00	10/06/19 18:10	2.67	19.00
305 TANTO BERSATU	184	10/06/19 19:10	11/06/19 17:30	23.33	27.50
306 TANTO HARMONI	97	14/06/19 21:25	14/06/19 21:50	83.33	14.97
307 CTP FORTUNE	161	15/06/19 8:00	15/06/19 9:00	11.17	18.25
308 SPIL NITA	196	15/06/19 11:11	15/06/19 13:00	4.00	18.65
309 SITU MAS	205	17/06/19 21:40	17/06/19 22:35	8.42	11.38
310 ORIENTAL SAMUDERA	127	18/06/19 13:30	18/06/19 15:30	16.92	20.67
311 TANTO SIAP	127	19/06/19 3:30	19/06/19 6:40	15.17	8.01
312 SPIL HASYA	133	18/06/19 15:00	19/06/19 14:55	8.42	21.50
313 MERATUS MEDAN 2	174	19/06/19 17:40	19/06/19 18:20	3.42	33.50
314 BALI KUTA	97	20/06/19 7:45	20/06/19 9:30	15.17	4.85
315 BALI KUTA	97	20/06/19 7:45	24/06/19 22:30	85.00	10.50
316 CTP INNOVATION	126	20/06/19 9:00	20/06/19 10:25	0.92	31.01
317 TANTO SALAM	137	20/06/19 20:40	20/06/19 20:40	10.25	12.27
318 TANTO LESTARI	135	20/06/19 21:30	21/06/19 14:55	18.25	18.38
319 TANTO CAHAYA	147	21/06/19 17:00	21/06/19 19:55	5.00	30.80
320 TANTO EXPRESS	144	22/06/19 9:30	22/06/19 12:05	16.17	11.17
321 HIJAU SEJUK	128	22/06/19 17:00	22/06/19 18:06	6.00	7.00
322 HIJAU TERANG	122	22/06/19 22:00	23/06/19 12:50	18.73	7.50
323 MERATUS MAMIRI	149	23/06/19 13:52	23/06/19 15:15	2.42	35.01
324 SITC SURABAYA	220	24/06/19 11:00	24/06/19 12:45	21.50	23.00
325 HIJAU JELITA	135	24/06/19 11:45	25/06/19 1:30	12.75	21.92
326 CTP FORTUNE	161	25/06/19 6:54	25/06/19 17:00	15.50	37.50
327 LUMOSO SELAMAT	106	25/06/19 1:50	26/06/19 3:57	10.95	5.01
328 STRAIT MAS	153	23/06/19 9:25	26/06/19 14:15	10.30	18.58
329 MERATUS MAKASSAR	149	25/06/19 10:30	27/06/19 11:15	23.00	29.00
330 SPIL HAYU	133	25/06/19 9:30	27/06/19 13:20	2.01	13.00
331 CTP HONOUR	117	28/06/19 23:59	29/06/19 3:45	38.42	28.73
332 SPIL NIRMALA	199	29/06/19 10:15	29/06/19 14:00	10.25	31.50
333 TANTO SAKTI 2	125	29/06/19 14:00	30/06/19 10:55	20.92	7.01
334 SPIL HANA	119	29/06/19 14:00	30/06/19 19:55	9.00	6.75



335	TANTO RAYA	120	30/06/19 2:00	1/07/19 2:55	7.00	6.93
336	HIJAU SEJUK	128	30/06/19 21:00	1/07/19 15:30	14.42	10.37
337	TANTO SUKSES	129	1/07/19 9:20	2/07/19 9:15	17.75	7.67
338	TANTO TENANG	124	1/07/19 5:00	2/07/19 9:50	0.75	42.50
339	TANTO PERMAI	144	2/07/19 18:00	2/07/19 18:37	7.78	8.75
340	MERATUS MAMIRI	149	2/07/19 23:05	3/07/19 8:05	13.70	62.15
341	TANTO DAMAI	126	2/07/19 23:54	4/07/19 8:40	24.58	7.25
342	CTP FORTUNE	161	4/07/19 9:36	4/07/19 18:20	9.67	25.68
343	TANTO CAHAYA	147	4/07/19 2:45	4/07/19 21:55	3.58	37.58
344	SEGARA MAS	215	4/07/19 11:00	6/07/19 1:10	51.25	34.92
345	MERATUS BATAM	128	4/07/19 7:25	6/07/19 3:50	2.67	11.38
346	UMBUL MAS	120	4/07/19 10:30	6/07/19 14:00	10.17	23.12
347	SPIL HAPSRI	133	6/07/19 5:00	6/07/19 20:05	6.08	7.40
348	SENDANG MAS	216	6/07/19 10:40	7/07/19 8:10	12.08	29.13
349	CTP INNOVATION	126	7/07/19 7:00	7/07/19 17:45	9.42	15.80
350	MERATUS TOMINI	205	8/07/19 6:00	8/07/19 7:25	13.58	18.33
351	NUSANTARA PELANGI	90	4/07/19 8:00	8/07/19 15:50	23.42	23.00
352	ARMADA PAPUA	149	6/07/19 16:00	8/07/19 16:30	0.67	11.17
353	TANTO SURYA	120	7/07/19 23:00	9/07/19 7:05	14.58	4.92
354	TANTO SEPAKAT	105	8/07/19 10:00	9/07/19 15:27	8.37	7.33
355	HIJAU TERANG	122	9/07/19 20:15	9/07/19 22:00	6.55	16.15
356	MERATUS MEDAN 1	174	9/07/19 19:40	10/07/19 10:55	12.92	61.53
357	ORIENTAL JADE	176	10/07/19 23:23	12/07/19 3:45	40.83	15.92
358	TANTO SALAM	137	10/07/19 20:42	12/07/19 9:20	5.58	11.45
359	TANTO BERSATU	184	12/07/19 2:48	13/07/19 3:32	18.20	34.50
360	TANTO SEMANGAT	140	13/07/19 20:00	13/07/19 21:34	18.00	11.95
361	UMBUL MAS	120	13/07/19 19:00	14/07/19 14:30	16.93	28.42
362	CTP INNOVATION	126	14/07/19 5:00	14/07/19 20:50	6.33	18.47
363	HIJAU SEJUK	128	13/07/19 18:18	15/07/19 7:00	10.17	10.50
364	CTP FORTUNE	161	14/07/19 3:00	15/07/19 17:30	10.50	31.25
365	MERATUS MAMIRI	149	15/07/19 2:00	15/07/19 22:20	4.83	52.02
366	TANTO LESTARI	135	14/07/19 5:00	15/07/19 22:40	0.33	10.12
367	SEGARA MAS	215	14/07/19 23:00	16/07/19 12:49	14.15	36.58
368	SPIL HASYA	133	15/07/19 21:06	18/07/19 4:20	39.52	12.97
369	TANTO HANDAL	98	16/07/19 0:29	18/07/19 6:40	2.33	9.17
370	TANTO SENTOSA	105	17/07/19 9:36	18/07/19 19:39	12.98	8.33
371	SPIL NIKEN	208	17/07/19 18:00	18/07/19 23:18	3.65	22.32
372	CTP HONOUR	117	18/07/19 5:36	19/07/19 0:45	1.45	22.83
373	TANTO PERMAI	144	19/07/19 7:30	20/07/19 0:15	23.50	25.13
374	TANTO CAHAYA	147	18/07/19 7:00	20/07/19 2:55	2.67	38.70
375	MERATUS KUPANG	120	20/07/19 6:00	20/07/19 7:55	5.00	28.00
376	TANTO RAYA	120	20/07/19 7:02	21/07/19 4:20	27.58	5.83
377	ORIENTAL EMERALD	150	20/07/19 18:00	21/07/19 15:35	11.42	11.58
378	CTP INNOVATION	126	20/07/19 2:15	21/07/19 22:26	6.85	16.42
379	TANTO TERANG	144	21/07/19 19:24	22/07/19 6:30	7.07	6.63
380	MERATUS MAKASSAR	149	21/07/19 15:12	22/07/19 7:50	1.33	31.67
381	TANTO SENANG	132	22/07/19 6:30	22/07/19 17:30	9.67	8.75
382	MERATUS BATAM	128	22/07/19 10:00	22/07/19 21:40	4.17	5.92
383	HIJAU JELITA	135	22/07/19 20:00	23/07/19 8:10	10.50	39.10
384	SITU MAS	205	22/07/19 6:00	23/07/19 10:05	1.75	14.00
385	ORIENTAL RUBY	176	23/07/19 23:00	24/07/19 5:00	18.92	8.47
386	TANTO EXPRESS	144	24/07/19 0:15	24/07/19 6:45	1.75	9.33
387	CTP FORTUNE	161	24/07/19 6:00	24/07/19 19:45	13.00	42.42
388	TANTO BERSATU	184	24/07/19 20:00	24/07/19 20:30	0.75	29.25
389	SPIL HAYU	133	25/07/19 16:00	25/07/19 17:10	20.67	14.17
390	MERATUS MAMIRI	149	25/07/19 16:50	26/07/19 7:00	13.67	34.55
391	MERATUS MALINO	139	27/07/19 6:00	27/07/19 8:00	25.00	32.20
392	SINAR PRAYA	110	27/07/19 12:00	27/07/19 12:29	4.48	15.75
393	HIJAU SEJUK	128	27/07/19 20:00	27/07/19 23:25	10.93	11.25
394	CTP INNOVATION	126	27/07/19 20:06	28/07/19 13:05	13.67	12.83
395	TANTO SELALU	127	27/07/19 23:25	28/07/19 14:55	1.83	6.85
396	LAILA	215	29/07/19 8:40	29/07/19 9:15	18.33	12.17
397	CTP HONOUR	117	29/07/19 11:36	29/07/19 16:30	7.25	21.08
398	TANTO JAYA	135	29/07/19 20:30	30/07/19 1:00	8.50	10.17
399	TANTO SENTOSA	105	31/07/19 4:00	31/07/19 4:50	27.83	3.83

JULI



AGUSTUS

400 SENDANG MAS	216	1/08/19 3:00	1/08/19 3:45	23.45	16.75
401 MERATUS MAKASSAR	149	1/08/19 9:35	1/08/19 10:19	7.57	33.30
402 TANTO CAHAYA	147	2/08/19 3:00	2/08/19 8:35	23.27	30.17
403 SPIL NINGSIH	195	2/08/19 20:50	2/08/19 21:21	12.77	19.22
404 TANTO PERMAI	144	2/08/19 21:00	2/08/19 23:10	1.98	7.17
405 TANTO LESTARI	135	3/08/19 6:24	3/08/19 18:28	19.30	7.17
406 CTP FORTUNE	161	3/08/19 12:00	3/08/19 22:53	4.42	26.42
407 TANTO SUKSES	129	4/08/19 6:00	4/08/19 7:10	8.28	7.80
408 CTP INNOVATION	126	4/08/19 3:54	4/08/19 17:45	10.58	15.50
409 SPIL HAPSRI	133	4/08/19 18:00	5/08/19 5:10	11.42	12.83
410 TANTO TANGGUH	144	5/08/19 4:45	6/08/19 1:30	20.33	24.00
411 MERATUS MAMIRI	149	6/08/19 6:33	6/08/19 9:20	7.83	32.42
412 NUSANTARA PELANGI	90	5/08/19 20:30	6/08/19 16:00	6.67	5.70
413 ORIENTAL EMERALD	150	6/08/19 8:28	7/08/19 1:40	9.67	15.33
414 TANTO SALAM	137	6/08/19 23:26	7/08/19 19:55	8.42	13.67
415 SUNGAI MAS	193	7/08/19 15:38	7/08/19 21:27	1.53	19.98
416 CTP HONOUR	117	8/08/19 0:43	8/08/19 13:50	16.38	23.75
417 TANTO SIAP	127	9/08/19 23:59	10/08/19 0:44	34.17	9.25
418 TANTO EXPRESS	144	10/08/19 9:25	10/08/19 10:05	8.35	57.83
419 MERATUS MAKASSAR	149	9/08/19 23:20	10/08/19 12:05	2.00	85.33
420 CTP INNOVATION	126	11/08/19 9:15	13/08/19 2:50	62.58	17.92
421 SPIL NISAKA	196	10/08/19 23:00	13/08/19 6:55	4.01	9.72
422 HIJAU TERANG	122	11/08/19 10:15	13/08/19 21:15	14.33	13.15
423 CTP FORTUNE	161	12/08/19 7:24	14/08/19 5:20	8.01	20.38
424 TANTO TERANG	144	11/08/19 18:12	14/08/19 6:44	1.40	35.50
425 TANTO SEMANGAT	140	14/08/19 3:58	15/08/19 6:00	23.27	5.07
426 SENDANG MAS	216	14/08/19 7:43	15/08/19 16:20	10.33	30.08
427 TANTO SAKTI 2	125	14/08/19 9:00	15/08/19 23:30	7.17	16.77
428 SPIL HASYA	133	16/08/19 2:30	16/08/19 2:50	3.33	18.17
429 MERATUS MAMIRI	149	16/08/19 13:30	16/08/19 18:20	15.50	28.97
430 SINAR PRAYA	110	16/08/19 15:30	17/08/19 1:55	7.58	18.75
431 TANTO SENANG	132	16/08/19 16:30	17/08/19 5:15	3.33	9.40
432 MERATUS BATAM	128	17/08/19 20:42	18/08/19 0:50	19.58	4.00
433 TANTO SEPAKAT	105	18/08/19 16:20	18/08/19 17:25	16.58	5.92
434 CTP INNOVATION	126	18/08/19 20:30	18/08/19 22:50	5.42	35.87
435 MENTARI CRYSTAL	84	15/08/19 4:00	19/08/19 15:00	16.17	7.13
436 SPIL NIRMALA	199	19/08/19 22:42	20/08/19 3:25	12.42	16.58
437 CTP HONOUR	117	19/08/19 2:30	20/08/19 4:30	1.01	27.92
438 HIJAU JELITA	135	19/08/19 22:35	21/08/19 1:05	21.33	8.77
439 TANTO CAHAYA	147	19/08/19 11:55	21/08/19 2:30	1.42	37.92
440 TANTO SENTOSA	105	21/08/19 3:00	21/08/19 12:40	10.17	9.57
441 MERATUS MAKASSAR	149	22/08/19 17:30	22/08/19 21:40	9.00	40.67
442 SPIL HAYU	133	23/08/19 8:00	23/08/19 10:20	12.67	8.62
443 TANTO JAYA	135	23/08/19 21:12	23/08/19 22:45	12.42	11.92
444 TANTO EXPRESS	144	24/08/19 4:00	24/08/19 6:45	7.00	7.97
445 MERATUS MEDAN2	174	24/08/19 8:36	24/08/19 17:50	11.58	44.75
446 TANTO LESTARI	135	24/08/19 18:00	24/08/19 19:15	1.42	4.75
447 CTP INNOVATION	126	25/08/19 0:49	26/08/19 3:30	8.25	11.90
448 CTP FORTUNE	161	24/08/19 19:43	26/08/19 6:30	3.00	27.70
449 TANTO RAYA	120	25/08/19 4:54	26/08/19 15:30	9.00	6.00
450 TANTO SELALU	127	25/08/19 4:40	26/08/19 21:35	6.01	4.92
451 LUZON	147	25/08/19 6:35	27/08/19 2:45	4.17	15.42
452 SITU MAS	205	25/08/19 10:18	27/08/19 9:00	6.25	32.85
453 MENTARI CRYSTAL	84	24/08/19 20:30	27/08/19 14:00	5.00	11.42
454 ORIENTAL DIAMOND	196	26/08/19 14:12	27/08/19 20:41	6.68	12.47
455 TANTO BERSATU	184	27/08/19 7:00	28/08/19 6:00	9.32	31.93
456 LUMOSO SELAMAT	106	27/08/19 21:30	28/08/19 20:30	14.50	5.92
457 MERATUS MAMIRI	149	28/08/19 7:10	29/08/19 7:00	9.50	34.50
458 ESTUARI MAS	119	28/08/19 22:00	29/08/19 20:00	13.00	17.52
459 STRAIT MAS	153	30/08/19 6:00	30/08/19 6:45	10.75	7.08
460 TANTO SUKSES	129	31/08/19 8:10	31/08/19 11:15	4.50	11.33
461 ORIENTAL SILVER	150	31/08/19 16:00	31/08/19 17:20	6.01	9.42



Bulan	No.	Nama Kapal	LoA	Jadwal Kedatangan Kapal			Waktu Pelayanan
				Kedatangan	Sandar	Interval (Jam)	
	462	ORIENTAL JADE	176	31/08/19 16:30	1/09/19 7:00	13.40	8.98
	463	CTP INNOVATION	126	2/09/19 0:10	2/09/19 2:50	19.83	9.42
	464	TANTO TERANG	144	2/09/19 18:00	2/09/19 19:50	17.00	25.95
	465	HIJAU TERANG	122	2/09/19 23:55	3/09/19 0:20	4.50	8.58
	466	MERATUS MEDAN 2	174	3/09/19 15:00	3/09/19 15:35	15.25	42.23
	467	CTP DELTA	149	3/09/19 15:15	4/09/19 2:19	10.73	38.00
	468	TANTO SALAM	137	4/09/19 2:15	5/09/19 13:00	34.68	11.17
	469	SPIL HAPSRI	133	5/09/19 8:00	6/09/19 4:01	15.02	13.92
	470	MENTARI CRYSTAL	84	5/09/19 6:00	6/09/19 5:15	1.23	8.08
	471	TANTO SEPAKAT	105	4/09/19 22:32	6/09/19 9:08	4.88	9.58
	472	TANTO RAYA	120	6/09/19 12:10	6/09/19 21:45	12.62	7.25
	473	TANTO SAKTI 1	118	7/09/19 1:11	7/09/19 2:25	3.58	7.57
	474	ARMADA PAPUA	149	7/09/19 23:00	7/09/19 23:45	21.33	9.83
	475	SEGARA MAS	215	8/09/19 4:00	8/09/19 9:55	10.17	43.08
	476	CTP HONOUR	117	8/09/19 11:40	9/09/19 2:10	16.25	25.62
	477	SPIL NIKEN	208	8/09/19 11:45	10/09/19 3:00	24.83	22.67
	478	MERATUS MAMIRI	149	8/09/19 14:45	10/09/19 5:45	2.75	28.20
	479	TANTO CAHAYA	147	9/09/19 8:28	10/09/19 8:25	2.67	43.00
	480	TANTO EXPRESS	144	10/09/19 5:56	11/09/19 14:45	29.58	12.00
	481	TANTO HANDAL	98	10/09/19 22:00	12/09/19 6:50	16.08	3.50
	482	LUMOSO GEMBIRA	86	11/09/19 10:06	12/09/19 14:40	8.83	4.58
	483	TANTO SEMANGAT	140	13/09/19 10:00	13/09/19 14:10	23.50	6.17
	484	MERATUS MEDAN 2	174	13/09/19 21:00	13/09/19 22:15	8.08	27.75
	485	TANTO LESTARI	135	14/09/19 13:00	14/09/19 14:30	16.25	9.35
	486	LUZON	147	14/09/19 16:24	15/09/19 3:45	13.25	15.17
	487	MENTARI CRYSTAL	84	15/09/19 2:00	15/09/19 13:00	9.25	12.58
	488	TANTO BERSATU	184	14/09/19 18:50	16/09/19 4:30	15.50	29.01
	489	TANTO PERMAI	144	15/09/19 3:05	16/09/19 3:40	0.83	8.50
	490	CTP FORTUNE	161	15/09/19 18:56	16/09/19 12:50	9.17	38.50
	491	CTP INNOVATION	126	15/09/19 16:48	16/09/19 17:50	5.00	19.00
	492	TANTO BERKAT	119	16/09/19 19:54	17/09/19 13:52	20.03	4.50
	493	HIJAU JELITA	135	16/09/19 17:55	17/09/19 17:00	3.13	14.83
	494	SPIL HASYA	133	16/09/19 19:14	17/09/19 22:40	5.67	41.98
	495	SPIL NITA	196	17/09/19 15:00	18/09/19 12:15	13.58	22.92
	496	MERATUS KUPANG	120	18/09/19 23:31	19/09/19 0:25	12.17	7.75
	497	SENDANG MAS	216	18/09/19 23:31	19/09/19 10:00	9.58	29.42
	498	TANTO SAKTI 2	125	19/09/19 15:00	19/09/19 16:55	6.92	7.50
	499	TANTO SEPAKAT	105	19/09/19 16:00	19/09/19 17:30	0.58	18.75
	500	MERATUS MAMIRI	149	20/09/19 2:30	20/09/19 5:50	9.33	41.78
	501	TANTO JAYA	135	20/09/19 11:48	20/09/19 18:40	12.83	15.15
	502	TANTO TERANG	144	21/09/19 0:55	21/09/19 14:00	19.33	42.33
	503	CTP INNOVATION	126	22/09/19 21:00	22/09/19 23:00	33.00	11.83
	504	ORIENTAL SILVER	150	22/09/19 4:20	23/09/19 14:00	15.00	16.75
	505	SPIL HAYU	133	23/09/19 14:00	23/09/19 16:37	2.62	14.08
	506	TANTO BERKAT	119	24/09/19 14:00	24/09/19 15:15	23.37	30.01
	507	CTP FORTUNE	161	25/09/19 2:00	25/09/19 3:00	12.75	39.25
	508	TANTO SIAP	127	24/09/19 22:44	25/09/19 17:15	14.25	13.68
	509	TANTO SAKTI 1	118	25/09/19 17:36	26/09/19 11:58	18.72	12.28
	510	SITU MAS	205	25/09/19 21:54	26/09/19 13:55	1.95	19.88
	511	MERATUS MEDAN 2	174	26/09/19 2:54	26/09/19 20:15	6.33	31.67
	512	TANTO CAHAYA	147	27/09/19 4:05	27/09/19 4:50	8.08	36.48
	513	TANTO SENANG	132	26/09/19 13:55	27/09/19 15:50	11.00	17.37
	514	TANTO SUKSES	129	28/09/19 5:10	28/09/19 6:10	14.33	11.92
	515	TANTO RAYA	120	28/09/19 9:00	28/09/19 11:00	4.83	9.50
	516	SPIL NISAKA	196	28/09/19 6:18	28/09/19 22:25	11.42	17.01
	517	CTP HONOUR	117	29/09/19 4:09	29/09/19 21:25	23.17	18.13
	518	CTP INNOVATION	126	29/09/19 19:00	30/09/19 13:40	16.25	17.65
	519	ARMADA PAPUA	149	30/09/19 19:30	30/09/19 21:15	7.58	7.73

SEPTEMBER



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520 MERATUS KUPANG	120	30/09/19 23:42	1/10/19 4:30	7.15	2.92
521 SPIL HANA	119	1/10/19 2:33	1/10/19 9:45	5.25	12.67
522 MERATUS MAMIRI	149	1/10/19 0:38	1/10/19 11:07	1.37	32.67
523 HIJAU SEJUK	128	30/09/19 22:18	1/10/19 14:10	3.01	12.23
524 BELIK MAS	127	28/09/19 22:40	2/10/19 6:45	9.42	18.75
525 TANTO BERSATU	184	1/10/19 18:17	3/10/19 0:45	18.00	34.02
526 LUMOSO GEMBIRA	86	3/10/19 2:54	3/10/19 18:10	17.42	5.80
527 TANTO DAMAI	126	3/10/19 6:23	4/10/19 4:30	10.33	9.25
528 TANTO ABADI	93	3/10/19 8:35	4/10/19 13:46	22.27	4.77
529 CTP FORTUNE	161	3/10/19 10:48	4/10/19 16:00	2.23	20.08
530 SPIL NIRMALA	199	2/10/19 23:19	4/10/19 20:15	4.25	5.50
531 TANTO SIAP	127	4/10/19 5:00	4/10/19 23:25	3.17	8.08
532 TANTO SEMANGAT	140	4/10/19 10:20	5/10/19 11:05	11.67	7.83
533 TANTO SEJAHTERAH	137	5/10/19 5:00	5/10/19 14:33	3.47	6.17
534 LUZON	147	5/10/19 10:42	5/10/19 23:40	30.12	11.33
535 CAPE MAGNUS	209	6/10/19 9:00	6/10/19 10:50	11.17	12.52
536 SPIL HAPSRI	133	6/10/19 11:00	6/10/19 13:20	2.50	34.17
537 MERATUS MEDAN 2	174	6/10/19 15:48	7/10/19 2:35	14.25	24.97
538 TANTO BERKAT	119	7/10/19 3:00	7/10/19 4:00	1.42	4.80
539 TANTO TERANG	144	8/10/19 3:35	8/10/19 17:17	37.28	20.97
540 SEGARA MAS	215	8/10/19 0:01	9/10/19 1:34	8.28	37.53
541 CTP GOLDEN	145	9/10/19 23:00	10/10/19 0:10	22.57	20.00
542 TANTO SAKTI 2	125	10/10/19 16:00	10/10/19 17:00	16.67	6.67
543 TANTO LESTARI	135	11/10/19 14:00	11/10/19 14:54	21.90	7.50
544 TANTO SAKTI 1	118	11/10/19 18:00	11/10/19 19:15	4.32	7.73
545 MERATUS MAMIRI	149	11/10/19 23:00	12/10/19 0:45	5.50	27.02
546 ARMADA PAPUA	149	12/10/19 0:20	12/10/19 7:45	7.00	16.50
547 TANTO SUKSES	129	13/10/19 10:00	13/10/19 13:52	29.12	7.75
548 CTP INNOVATION	126	13/10/19 22:12	13/10/19 23:05	9.20	12.18
549 TANTO PERMAI	144	14/10/19 7:10	14/10/19 17:01	17.93	5.08
550 HIJAU JELITA	135	14/10/19 22:00	14/10/19 23:45	6.73	8.67
551 CTP DELTA	149	15/10/19 9:00	15/10/19 10:05	10.33	14.58
552 TANTO CAHAYA	147	15/10/19 8:05	15/10/19 13:30	3.42	26.17
553 SUNGAI MAS	193	15/10/19 18:10	15/10/19 18:40	5.17	20.17
554 MERATUS KUPANG	120	16/10/19 0:35	16/10/19 16:48	21.00	3.20
555 TANTO RAYA	120	16/10/19 0:55	16/10/19 21:53	5.08	3.75
556 TANTO SEPAKAT	105	16/10/19 4:20	17/10/19 0:35	2.72	9.17
557 MERATUS MEDAN 2	174	16/10/19 16:13	17/10/19 7:25	6.83	30.13
558 ORIENTAL JADE	176	18/10/19 3:05	18/10/19 4:00	10.58	18.70
559 SPIL HASYA	133	18/10/19 9:00	18/10/19 10:20	6.33	9.93
560 TANTO SELALU	127	18/10/19 18:00	18/10/19 19:00	8.67	7.33
561 ARMADA PAPUA	149	19/10/19 17:40	19/10/19 20:10	2.17	10.97
562 SITU MAS	205	21/10/19 9:00	21/10/19 9:54	9.73	21.67
563 TANTO BERSATU	184	21/10/19 1:37	21/10/19 15:04	4.17	18.37
564 MERATUS MAMIRI	149	22/10/19 14:00	22/10/19 21:00	5.93	37.92
565 TANTO SIAP	127	23/10/19 12:00	23/10/19 13:00	16.00	13.08
566 TANTO SUKSES	129	23/10/19 13:00	24/10/19 7:00	18.00	8.67
567 CTP FORTUNE	161	24/10/19 1:50	24/10/19 12:40	5.67	34.33
568 TANTO DAMAI	126	24/10/19 0:10	24/10/19 14:00	1.33	6.33
569 SENDANG MAS	216	24/10/19 10:05	24/10/19 19:00	5.00	20.68
570 TANTO SALAM	137	23/10/19 0:01	25/10/19 0:37	5.62	11.25
571 SPIL HAYU	133	24/10/19 13:55	25/10/19 16:19	15.70	7.75
572 TANTO SEMANGAT	140	24/10/19 20:02	25/10/19 18:20	2.00	12.17
573 MERATUS MEDAN 2	174	26/10/19 2:00	26/10/19 4:10	9.83	29.50
574 HIJAU TERANG	122	26/10/19 1:00	26/10/19 12:46	8.60	9.72
575 MERATUS MAKASSAR	149	26/10/19 8:00	27/10/19 0:05	11.32	33.00
576 SPIL NIKEN	208	26/10/19 12:50	27/10/19 1:55	1.83	24.38
577 TANTO SAKTI 2	125	27/10/19 17:00	27/10/19 17:40	15.75	5.57
578 HIJAU SEJUK	128	28/10/19 15:00	28/10/19 16:50	23.17	8.50
579 TANTO BAGUS	126	28/10/19 17:00	28/10/19 18:00	1.17	5.83
580 TANTO TERANG	144	28/10/19 17:45	28/10/19 23:05	5.01	21.13
581 TANTO SEJAHTERAH	137	29/10/19 7:44	29/10/19 7:50	8.75	6.67
582 CTP INNOVATION	126	29/10/19 18:00	29/10/19 20:00	12.17	8.43
583 MERATUS MALINO	139	29/10/19 21:45	29/10/19 23:35	3.58	30.42
584 TANTO SIAP	127	30/10/19 14:00	30/10/19 14:25	14.83	6.17
585 SITU MAS	205	31/10/19 8:45	31/10/19 10:15	21.83	15.92
586 MERATUS MAMIRI	149	31/10/19 18:25	31/10/19 19:25	9.17	32.75



November

587 SPIL HANA	119	1/11/19 21:00	1/11/19 23:00	28.45	15.00
588 LUMOSO SELAMAT	106	2/11/19 12:30	2/11/19 12:58	13.97	6.83
589 TANTO HARMONI	97	2/11/19 22:30	2/11/19 23:45	10.78	8.33
590 CTP FORTUNE	161	2/11/19 23:59	3/11/19 2:10	3.42	35.60
591 TANTO EXPRESS	144	3/11/19 6:10	3/11/19 10:45	8.58	9.42
592 TANTO CAHAYA	147	3/11/19 18:45	4/11/19 8:35	31.83	26.12
593 TANTO LESTARI	135	4/11/19 6:44	4/11/19 15:20	6.75	7.50
594 SPIL NITA	196	5/11/19 0:57	5/11/19 2:00	10.67	12.50
595 MARINA STAR 1	147	6/11/19 5:27	6/11/19 7:45	5.75	5.82
596 CTP INNOVATION	126	6/11/19 3:30	6/11/19 10:55	3.17	34.17
597 MERATUS MAKASSAR	149	6/11/19 15:00	6/11/19 16:46	5.85	44.45
598 SPIL HAPSRI	133	7/11/19 4:44	7/11/19 19:40	2.90	12.83
599 TANTO SEPAKAT	105	7/11/19 8:30	8/11/19 1:15	5.58	14.00
600 TANTO JAYA	135	7/11/19 22:00	8/11/19 15:40	14.42	6.13
601 ARMADA PAPUA	149	9/11/19 5:00	9/11/19 8:55	17.25	9.42
602 MERATUS MALINO	139	9/11/19 11:00	9/11/19 11:50	2.92	22.65
603 TANTO RAYA	120	10/11/19 13:00	10/11/19 13:20	1.50	7.50
604 TANTO BERSATU	184	11/11/19 3:00	11/11/19 6:00	16.67	28.83
605 SEGARA MAS	215	11/11/19 8:00	11/11/19 10:40	4.67	38.58
606 TANTO SELALU	127	11/11/19 3:10	11/11/19 15:47	5.12	10.25
607 TANTO SENANG	132	11/11/19 19:00	12/11/19 8:20	22.55	6.25
608 HIJAU JELITA	135	11/11/19 19:18	12/11/19 17:10	8.83	8.00
609 TANTO BERKAT	119	11/11/19 2:45	12/11/19 17:30	0.33	3.28
610 SAMUDERA MAS	96	12/11/19 2:00	13/11/19 0:30	7.00	13.62
611 ORIENTAL RUBY	176	13/11/19 1:38	13/11/19 4:00	3.50	14.83
612 SUNGAI MAS	193	14/11/19 18:50	14/11/19 19:51	15.85	15.52
613 HIJAU TERANG	122	14/11/19 20:00	15/11/19 6:40	10.82	12.67
614 CTP FORTUNE	161	15/11/19 6:00	15/11/19 8:15	1.42	41.00
615 TANTO SEMANGAT	140	15/11/19 17:00	15/11/19 19:40	11.42	6.00
616 TANTO SURYA	120	15/11/19 23:00	16/11/19 0:30	4.83	12.92
617 TANTO SENTOSA	105	17/11/19 3:00	17/11/19 5:50	5.33	8.08
618 ARMADA PERMATA	121	17/11/19 11:00	17/11/19 13:50	8.00	9.50
619 TANTO TERANG	144	17/11/19 5:15	17/11/19 15:11	1.35	25.33
620 LUMOSO SELAMAT	106	18/11/19 2:00	18/11/19 3:40	12.48	6.00
621 TANTO SUKSES	129	18/11/19 17:53	18/11/19 19:30	15.83	6.95
622 MERATUS MAKASSAR	149	18/11/19 14:15	18/11/19 20:45	1.25	24.33
623 CTP INNOVATION	126	19/11/19 8:00	19/11/19 9:10	12.42	24.67
624 TANTO SAKTI 1	118	19/11/19 22:30	20/11/19 0:30	15.33	8.00
625 SITU MAS	205	20/11/19 14:00	20/11/19 15:35	15.08	10.60
626 MERATUS MALINO	139	21/11/19 15:30	21/11/19 16:40	25.08	30.93
627 TANTO EXPRESS	144	21/11/19 22:15	21/11/19 23:10	6.50	14.38
628 SENDANG MAS	216	23/11/19 1:40	23/11/19 1:58	2.80	28.38
629 TANTO CAHAYA	147	23/11/19 21:58	23/11/19 22:30	20.53	36.82
630 TANTO SEJATERAH	137	24/11/19 4:17	25/11/19 1:30	51.00	14.75
631 ARMADA PAPUA	149	25/11/19 4:03	25/11/19 5:10	3.67	9.75
632 TANTO SIAP	127	25/11/19 17:55	25/11/19 20:20	15.17	10.80
633 TANTO SEMANGAT	140	24/11/19 17:50	25/11/19 21:30	1.17	11.52
634 CTP FORTUNE	161	26/11/19 3:42	26/11/19 12:01	14.52	28.00
635 TANTO BERKAT	119	26/11/19 3:10	26/11/19 17:50	5.82	6.82
636 HIJAU SEJUK	128	26/11/19 5:42	26/11/19 19:55	2.08	8.50
637 SPIL NIRMALA	199	27/11/19 10:00	27/11/19 11:01	15.10	36.50
638 MERATUS MAKASSAR	149	27/11/19 15:00	27/11/19 20:35	9.57	45.50
639 TANTO BERSATU	184	28/11/19 5:45	29/11/19 4:15	7.67	44.33
640 TANTO SEPAKAT	105	28/11/19 15:00	29/11/19 22:15	18.00	12.12
641 MERATUS BATAM	128	29/11/19 17:35	29/11/19 23:30	1.25	3.48
642 SITU MAS	205	29/11/19 22:20	30/11/19 9:25	9.92	26.83



643 SPIL HASYA	133	30/11/19 1:35	1/12/19 14:25	29.00	9.83
644 CTP INNOVATION	126	30/11/19 7:36	2/12/19 5:11	18.77	17.17
645 TANTO SENTOSA	105	30/11/19 20:00	2/12/19 7:30	2.32	8.33
646 MERATUS MALINO	139	2/12/19 4:00	2/12/19 11:00	3.50	28.33
647 TANTO LESTARI	135	2/12/19 5:30	2/12/19 19:50	8.83	5.58
648 TANTO EXPRESS	144	2/12/19 23:45	3/12/19 1:20	5.50	10.00
649 TANTO SELALU	127	2/12/19 15:37	3/12/19 6:06	4.77	8.03
650 SEGARA MAS	215	3/12/19 8:44	3/12/19 14:44	8.63	22.87
651 TANTO SAKTI 1	118	3/12/19 13:15	3/12/19 18:35	3.85	7.42
652 ARMADA PAPUA	149	3/12/19 7:18	3/12/19 20:10	1.58	12.00
653 TANTO SENANG	132	4/12/19 6:00	4/12/19 8:00	11.83	9.13
654 TANTO TERANG	144	3/12/19 16:50	4/12/19 12:30	4.50	22.45
655 TANTO JAYA	135	4/12/19 12:10	4/12/19 17:10	4.67	7.92
656 CTP FORTUNE	161	5/12/19 10:12	5/12/19 13:46	20.60	33.83
657 SAMUDERA MAS	96	4/12/19 16:00	7/12/19 7:35	41.82	10.25
658 TANTO BAGUS	126	6/12/19 14:45	7/12/19 15:50	8.25	9.67
659 SPIL HANA	119	6/12/19 0:54	7/12/19 20:17	4.45	16.63
660 SITC SURABAYA	220	8/12/19 9:30	8/12/19 10:28	10.18	12.78
661 ARMADA PERMATA	121	7/12/19 20:24	8/12/19 16:20	5.87	15.92
662 MERATUS MAKASSAR	149	7/12/19 16:18	8/12/19 17:15	0.92	46.00
663 TANTO SELALU	127	9/12/19 2:20	9/12/19 11:35	19.33	8.33
664 LUMOSO GEMBIRA	86	9/12/19 10:28	9/12/19 19:30	7.92	8.33
665 HIJAU JELITA	135	9/12/19 16:30	10/12/19 0:45	5.25	8.08
666 TANTO CAHAYA	147	9/12/19 21:30	10/12/19 7:55	7.17	23.50
667 CTP HONOUR	117	9/12/19 23:20	10/12/19 12:20	4.42	18.32
668 TANTO HANDAL	98	10/12/19 15:00	10/12/19 16:10	3.83	6.12
669 SEGARA MAS	215	11/12/19 12:00	11/12/19 13:10	21.00	12.87
670 MERATUS MALINO	139	12/12/19 12:00	12/12/19 12:50	23.67	26.15
671 TANTO SIAP	127	12/12/19 17:00	12/12/19 17:55	5.08	10.25
672 TANTO SURYA	120	13/12/19 19:45	13/12/19 20:15	3.17	12.82
673 TANTO PERMAI	144	13/12/19 21:00	13/12/19 21:26	1.18	9.17
674 ARMADA PAPUA	149	14/12/19 4:30	14/12/19 12:16	15.00	10.25
675 PALUNG MAS	123	14/12/19 8:30	15/12/19 3:40	15.57	5.55
676 TANTO SALAM	137	15/12/19 9:15	15/12/19 11:20	4.67	9.55
677 CTP FORTUNE	161	15/12/19 6:20	15/12/19 14:15	2.92	28.33
678 HIJAU TERANG	122	16/12/19 1:00	16/12/19 1:50	11.58	12.95
679 ORIENTAL DIAMOND	196	16/12/19 4:30	16/12/19 9:11	7.37	13.47
680 TANTO SUKSES	129	15/12/19 23:00	16/12/19 22:00	12.82	9.92
681 TANTO BERSATU	184	16/12/19 16:00	17/12/19 2:10	4.17	19.37
682 TANTO SAKTI 1	118	17/12/19 1:30	17/12/19 2:25	0.25	9.03
683 TANTO SEPAKAT	105	19/12/19 14:00	19/12/19 15:10	12.75	18.28
684 MERATUS MAKASSAR	149	19/12/19 15:30	19/12/19 15:40	0.50	26.00
685 TANTO SIAP	127	20/12/19 15:15	20/12/19 15:30	23.83	16.92
686 MERATUS MEDAN 2	174	20/12/19 20:08	20/12/19 22:30	7.00	12.83
687 MERATUS MALINO	139	22/12/19 6:00	22/12/19 7:25	32.92	39.33
688 TANTO TERANG	144	22/12/19 10:00	23/12/19 6:40	23.25	25.67
689 ARMADA PERMATA	121	22/12/19 0:28	23/12/19 10:10	3.50	15.00
690 HIJAU SEJUK	128	23/12/19 11:00	24/12/19 7:30	21.33	8.33
691 CTP FORTUNE	161	23/12/19 15:30	24/12/19 12:08	5.63	55.62
692 SPIL NITA	196	23/12/19 20:40	25/12/19 13:05	0.95	24.85
693 TANTO HANDAL	98	24/12/19 3:31	27/12/19 0:30	36.42	8.67
694 MULI ANIM	91	24/12/19 5:26	27/12/19 1:30	1.00	1.17
695 TANTO SAKTI 1	118	24/12/19 18:00	27/12/19 6:45	5.25	8.08
696 TANTO SEMANGAT	140	24/12/19 8:10	27/12/19 14:30	7.75	12.25
697 SAMUDERA MAS	96	26/12/19 21:00	27/12/19 14:55	0.25	5.75
698 TANTO SAKTI 2	125	27/12/19 18:00	27/12/19 19:45	4.83	6.67
699 SEGARA MAS	215	30/12/19 3:00	30/12/19 4:00	56.25	14.00
700 SPIL HAYU	133	31/12/19 5:40	31/12/19 6:35	26.58	5.08
701 SPIL HAPSRI	133	31/12/19 6:00	31/12/19 7:15	0.67	12.75

DESEMBER



1.2. Lampiran pertumbuhan kunjungan kapal 2019-2025

No.	Tahun	Kunjungan Kapal (Unit)	Rata-rata kunjungan kapal setiap tahun (%)	Rata-rata kunjungan kapal 2009-2025 (%)
1	2019	1730		
2	2020	1773	2.39	
3	2021	1811	2.09	
4	2022	1844	1.82	1.73
5	2023	1874	1.58	
6	2024	1899	1.35	
7	2025	1921	1.13	

1.3. Lampiran Penggunaan *Container crane* Tahun 2019 (I)

Bulan	Waktu Pelayanan Kapal (Jam)							UCC/bulan	UCC (2019)
	CC 1	CC 2	CC 3	CC 4	CC 6	CC 7	Total		
Januari	597.017	450.233	531	416.903	659.35	681.517	3336.02	0.381	
Februari	563.867	597.2	583.467	582.2	565.8	598.55	3491.08	0.399	
Maret	433.25	696.5	138.733	670.233	642.017	640.9	3221.63	0.368	
April	451.25	429.3	278.017	8.86667	357.55	297.667	1822.65	0.208	
Mei	243.5	323.467	493.45	519.283	504.208	87.0667	2170.98	0.248	
Juni	212.907	26.2333	134.19	209.607	334.542	287.583	1205.06	0.138	0.2462
Juli	499	100.05	126.833	410.45	434.55	383.617	1954.5	0.223	
Agustus	388.517	399.167	320.083	227.1	329.6	410.283	2074.75	0.237	
September	310.285	355.835	236.607	317.173	130.483	472.263	1822.65	0.208	
Oktober	348.583	401.083	270.917	219.633	218.267	303.15	1761.63	0.201	
November	243.483	162.317	236.833	389.717	463.267	0	1495.62	0.171	
Desember	287.75	385.383	174.433	361.1	315.3	0	1523.97	0.174	
Total/Tahun	4579.41	4326.77	3524.56	4332.27	4954.93	4162.6	25880.5		



1.4. Lampiran Penggunaan *Container crane* tahun 2019 (II)

No.	Waktu Pelayanan Kapal (Jam)					
	CC 01	CC 02	CC 03	CC 04	CC 06	CC 07
1	35.25	59.95	39.33	53.00	108.83	13.58
2	25.08	12.25	59.95	101.48	81.25	62.33
3	72.33	18.75	12.25	26.25	43.07	46.83
4	25.63	58.13	71.78	81.33	81.33	18.83
5	44.08	7.82	50.42	47.50	57.50	19.75
6	50.42	41.33	81.33	45.08	27.75	21.42
7	7.82	16.13	38.00	62.25	31.67	46.65
8	41.33	7.08	45.08	30.72	21.80	20.00
9	52.50	6.17	62.75	40.75	45.83	57.50
10	16.13	55.42	44.68	42.83	31.25	25.00
11	7.08	39.50	25.42	49.88	38.07	27.75
12	6.17	27.50	18.42	30.37	59.17	31.67
13	55.42	12.33	30.72	88.48	31.83	21.80
14	39.50	17.77	40.75	32.83	42.17	45.83
15	27.50	44.68	49.88	48.75	27.57	31.25
16	21.17	25.42	30.37	28.87	41.08	38.07
17	12.33	31.07	88.48	45.67	42.83	59.17
18	17.77	30.72	32.83	24.22	23.00	62.25
19	17.37	19.67	48.75	36.00	52.67	31.83
20	10.75	9.10	28.87	13.87	33.67	42.17
21	11.38	23.60	45.67	18.00	31.47	27.57
22	31.07	45.00	18.67	25.25	39.25	41.08
23	8.08	24.40	23.83	25.72	38.33	23.00
24	9.75	10.80	27.85	47.33	30.75	52.67
25	28.95	29.92	29.42	47.98	26.37	66.83
	19.67	15.37	18.00	34.75	11.07	33.67
	9.10	39.00	25.25	33.00	27.43	31.47
	23.60	33.00	25.72	28.32	21.75	39.25



29	45.00	31.75	47.98	14.58	29.35	38.33
30	24.40	17.33	59.50	25.30	47.05	8.75
31	29.92	19.30	31.25	48.83	47.33	30.75
32	15.37	35.17	53.52	38.75	12.17	26.37
33	39.00	18.67	24.33	52.92	19.45	11.07
34	33.00	23.83	25.92	17.33	40.67	27.43
35	31.75	27.85	44.00	34.15	20.95	21.75
36	31.75	29.42	25.92	10.42	36.62	29.35
37	17.33	31.42	27.08	30.17	31.07	47.05
38	19.30	50.83	20.75	49.00	48.83	12.17
39	35.17	47.98	56.50	51.48	44.08	40.67
40	29.42	59.50	41.42	17.58	47.63	20.95
41	31.42	59.50	39.95	25.17	35.73	36.62
42	50.83	9.58	34.67	58.83	47.25	10.58
43	16.38	31.25	24.50	4.33	49.00	31.07
44	14.92	8.75	33.63	8.87	41.98	8.75
45	31.42	16.38	36.58	41.42	41.50	44.08
46	42.10	14.92	10.30	59.00	10.33	24.50
47	18.00	31.42	10.58	41.82	17.17	47.63
48	23.08	42.10	24.00	28.45	50.25	35.73
49	16.75	18.00	3.83	26.75	17.75	47.25
50	7.97	23.08	24.08	16.90	19.92	9.73
51	11.10	16.75	37.03	24.08	16.97	41.67
52	15.42	5.05	44.25	47.00	6.00	41.98
53	8.00	7.97	20.00	32.17	15.00	40.05
54	18.80	11.10	16.08	44.25	38.00	30.58
55	14.58	8.00	39.87	48.83	38.33	41.50
56	59.50	18.80	52.67	16.08	7.13	10.33
	12.50	14.58	6.62	39.87	63.50	14.80
	12.50	59.50	12.50	52.67	23.50	50.25
	21.18	12.50	18.25	20.28	61.22	17.75



60	21.78	21.18	31.01	27.50	15.25	16.97
61	9.17	21.78	30.80	33.50	10.62	19.00
62	33.35	19.88	35.01	31.01	15.50	6.00
63	24.75	58.83	16.42	30.80	8.87	15.00
64	25.92	33.35	5.92	35.01	7.88	38.00
65	43.58	24.75	14.00	31.50	15.25	38.33
66	34.17	25.92	9.33	6.93	17.68	28.75
67	10.87	14.58	42.42	10.37	23.73	7.13
68	25.92	25.92	15.75	37.58	59.00	23.50
69	14.58	17.18	12.83	23.12	41.82	61.22
70	17.18	25.92	10.17	11.17	28.45	10.62
71	25.92	27.08	19.22	61.53	26.75	15.40
72	16.33	12.00	26.42	34.50	18.01	48.83
73	9.33	51.25	12.83	18.47	10.17	11.25
74	22.67	27.13	85.33	31.25	9.17	23.00
75	27.13	44.58	18.17	22.83	47.00	3.98
76	44.58	33.15	9.40	38.70	12.55	20.28
77	33.15	13.92	37.92	16.42	32.17	25.58
78	10.75	8.92	44.75	5.92	19.00	31.62
79	36.75	56.50	27.70	14.00	9.75	19.00
80	8.25	35.25	11.42	9.33	11.17	27.50
81	8.92	10.00	17.52	42.42	31.58	14.97
82	35.25	16.68	9.42	15.75	48.83	11.38
83	16.68	39.95	8.98	10.17	11.25	33.50
84	11.42	11.42	9.83	26.42	23.00	7.50
85	12.00	7.42	22.67	12.83	20.28	23.00
86	10.12	24.50	4.58	32.42	25.58	37.50
87	33.63	33.63	27.75	19.98	31.62	29.00
	3.48	3.48	7.75	18.17	19.00	6.75
	12.20	12.20	29.42	9.40	27.50	42.50
	9.08	32.08	11.83	37.92	18.65	7.25



91	32.08	34.00	39.25	27.70	11.38	25.68
92	34.00	37.03	31.67	32.85	8.01	34.92
93	13.92	15.58	17.01	9.42	33.50	15.80
94	9.62	39.87	18.13	8.98	7.00	18.33
95	15.58	15.62	7.73	8.58	7.50	4.92
96	6.27	8.57	12.67	43.08	35.01	7.33
97	7.80	6.58	5.80	22.67	23.00	15.92
98	15.62	11.08	9.25	4.58	37.50	10.50
99	6.58	29.25	5.50	27.75	29.00	52.02
100	11.08	34.55	20.97	4.50	6.93	9.17
101	19.42	11.25	20.00	41.98	42.50	8.33
102	18.25	12.83	27.02	29.42	25.68	28.00
103	21.50	12.17	8.67	11.83	34.92	31.67
104	12.27	16.75	20.17	39.25	15.80	14.17
105	18.38	33.30	3.20	31.67	18.33	32.20
106	11.17	19.22	9.17	17.01	18.47	21.08
107	21.92	26.42	9.93	18.13	31.25	3.83
108	5.01	24.00	10.97	7.73	52.02	30.17
109	18.58	57.83	13.08	5.50	22.83	7.17
110	13.00	9.72	8.67	20.00	38.70	7.80
111	28.73	35.50	20.68	27.02	28.00	15.50
112	7.01	16.77	9.72	20.17	31.67	5.70
113	7.67	28.97	24.38	3.20	14.17	15.33
114	8.75	27.92	8.50	10.97	32.20	13.67
115	62.15	37.92	6.67	37.92	21.08	19.98
116	11.38	15.42	15.92	20.68	30.17	23.75
117	7.40	31.93	6.83	33.00	15.50	17.92
118	29.13	17.52	35.60	8.43	32.42	20.38
	23.00	25.95	26.12	32.75	19.98	5.07
	16.15	38.00	12.50	8.33	23.75	30.08
	11.45	13.92	12.83	35.60	9.25	18.75



122	11.95	7.25	9.42	9.42	17.92	4.00
123	28.42	25.62	7.50	26.12	30.08	35.87
124	10.12	28.20	28.83	22.65	18.75	7.13
125	36.58	12.00	3.28	38.58	35.87	16.58
126	12.97	38.50	15.52	13.62	11.92	8.77
127	22.32	29.42	25.33	41.00	4.75	8.62
128	25.13	41.78	9.75	9.50	11.90	7.97
129	5.83	14.08	6.82	24.67	32.85	11.90
130	11.58	19.88	36.50	8.00	34.50	4.92
131	6.63	31.67	17.17	10.60	9.42	32.85
132	8.75	11.92	28.33	30.93	42.23	5.92
133	39.10	17.65	7.42	28.38	43.08	34.50
134	8.47	32.67	22.45	36.82	19.00	9.42
135	29.25	34.02	6.12	45.50	16.75	42.23
136	34.55	20.08	10.25	17.17	26.17	11.17
137	11.25	12.52	28.33	5.58	30.13	8.08
138	6.85	24.97	9.03	8.03	18.37	7.57
139	12.17	20.97	15.00	22.87	37.92	43.08
140	16.75	20.00	8.33	22.45	6.33	43.00
141	33.30	6.67	1.17	15.92	11.25	3.50
142	7.17	12.18	8.08	46.00	7.75	9.35
143	24.00	8.67	12.75	18.32	33.00	15.17
144	57.83	14.58		10.25	8.43	29.01
145	9.72	18.70		9.17	6.17	8.50
146	13.15	9.93		10.25	32.75	19.00
147	28.97	21.67		28.33	35.60	14.83
148	5.92	34.33		9.92	34.17	22.92
149	27.92	12.17		16.92	14.00	18.75
	9.57	29.50		12.83	22.65	15.15
	40.67	21.13		39.33	38.58	42.33
	44.75	30.42		8.33	41.00	16.75



153	6.00	15.92		24.85	8.08	30.01
154	12.47	5.82		1.17	9.50	13.68
155	31.93	6.13		6.67	6.00	12.28
156	7.08	28.83		14.00	6.95	36.48
157	11.33	3.28		12.75	24.67	2.92
158	25.95	15.52			10.60	12.23
159	38.00	25.33			30.93	18.75
160	9.58	24.33			28.38	4.77
161	25.62	9.75			36.82	8.08
162	28.20	6.82			11.52	7.83
163	12.00	36.50			28.00	11.33
164	6.17	8.33			45.50	34.17
165	12.58	28.33			3.48	4.80
166	38.50	12.00			26.83	37.53
167	7.50	9.13			9.83	7.73
168	41.78	22.45			17.17	16.50
169	19.88	10.25			10.00	7.75
170	17.37	16.63			22.87	5.08
171	9.50	12.78			7.92	26.17
172	17.65	8.33			33.83	3.75
173	32.67	8.08			46.00	30.13
174	34.02	23.50			18.32	7.33
175	20.08	12.87			12.82	18.37
176	6.17	26.15			12.95	37.92
177	12.52	5.55			9.92	
178	24.97	28.33			16.92	
179	6.67	19.37			12.83	
180	7.50	26.00			39.33	
	12.18	25.67			24.85	
	14.58	55.62			5.75	
	18.70	8.67			14.00	



184	21.67	12.25				
185	34.33	5.08				
186	29.50					
187	5.57					
188	21.13					
189	30.42					
190	15.92					
191	15.00					
192	7.50					
193	12.50					
194	5.82					
195	44.45					
196	28.83					
197	8.00					
198	14.83					
199	15.52					
200	6.00					
201	25.33					
202	24.33					
203	14.75					
204	8.50					
205	12.12					
206	28.33					
207	9.67					
208	12.78					
209	8.33					
210	23.50					
211	12.87					
	26.15					
	13.47					
	19.37					



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215	26.00					
216	25.67					
217	55.62					
218	8.67					
219	12.25					
220	5.08					

1.5. Lampiran Utilitas Container crane 2016- 2018

No.	Bulan	Utilitas Container Crane (%)					Total	UCC/bulan	
		CC 1	CC 2	CC 3	CC 4	CC 6			CC 7
1	Januari	31.57	48.23			52.53	22.27	154.61	38.65
2	Februari	53.37	53.12			20.03	37.93	164.45	41.11
3	Maret	27.80	58.60			36.41	56.91	179.72	44.93
4	April	53.40	51.43			61.90	57.46	224.20	56.05
5	Mei	54.61	67.36			34.41	49.77	206.14	51.54
6	Juni	56.27	55.95			53.02	48.10	213.33	53.33
7	Juli							0.00	0.00
8	Agustus	50.23	51.61			54.99	40.63	197.47	49.37
9	September	55.48	64.60			54.29	45.63	220.00	55.00
10	Oktober	59.22	57.99			68.59	56.45	242.24	60.56
11	November	49.84	51.27			55.71	45.63	202.46	50.62
12	Desember	57.83	0.00			67.82	69.05	194.70	48.68
Utilitas Container Crane Tahun 2016 (%)								45.82	

(Tabel Lampiran.1.7. A. Utilitas container kran tahun 2016 di TPM)



No.	Bulan	Utilitas Container Crane (%)						Total	UCC/bulan
		CC 1	CC 2	CC 3	CC 4	CC 6	CC 7		
1	Januari	41.63	0.00			74.96	60.52	177.11	44.28
2	Februari	71.43	52.55			52.89	58.67	235.54	58.89
3	Maret	53.76	45.62			51.31	45.47	196.16	49.04
4	April	61.59	55.40			4.44	45.40	166.83	41.71
5	Mei	65.44	56.99			0.00	45.93	168.36	42.09
6	Juni	57.94	49.68			0.00	48.41	156.03	39.01
7	Juli							0.00	0.00
8	Agustus	74.81	68.51			0.00	43.63	186.95	46.74
9	September	77.14	71.11			0.00	58.57	206.83	51.71
10	Oktober	71.12	72.50			0.00	54.38	198.00	49.50
11	November	64.76	72.06			0.00	60.16	196.98	49.25
12	Desember	77.73	76.96			0.00	66.82	221.51	55.38
Utilitas Container Crane Tahun 2017 (%)									43.96

(Tabel Lampiran.1.7. B. Utilitas container kran tahun 2017 di TPM)

No.	Bulan	Utilitas Container Crane (%)						Total	UCC/bulan
		CC 1	CC 2	CC 3	CC 4	CC 6	CC 7		
1	Januari	76.80	55.45			0.00	66.36	198.62	49.65
2	Februari	75.34	86.40			0.00	67.17	228.91	57.23
3	Maret	65.28	83.26			0.00	65.28	213.82	53.46
4	April	67.30	80.48			0.00	59.68	207.46	51.87
5	Mei	64.98	72.35			0.00	60.98	198.31	49.58
6	Juni	56.19	34.92			0.00	33.95	125.06	31.26
7	Juli	80.18	62.37			0.00	57.60	200.15	50.04
8	Agustus	79.11	56.07			0.00	53.92	189.09	47.27
9	September	66.35	4.44			0.00	57.62	128.41	32.10
10	Oktober							0.00	0.00
11	November							0.00	0.00
12	Desember							0.00	0.00
Utilitas Container Crane Tahun 2018 (%)									46.94

(Tabel Lampiran.1.7. C. Utilitas container kran tahun 2018 di TPM)



1.6. Lampiran selisih UCC 2019- 2025

Tahun	Selisih antar UCC tersedia (%)						Rerata selisih per tahun
	CC 1	CC 2	CC 3	CC 4	CC 6	CC 7	
2019		0.99	-4.05	10.75	1.21	2.08	2.20
2020		1.82	-3.82	10.01	1.82	1.64	2.30
2021		2.32	-3.39	8.94	2.42	1.68	2.39
2022		2.16	-3.09	9.67	1.60	1.29	2.32
2023		2.86	-3.35	9.97	1.55	0.76	2.36
2024		3.00	-2.71	10.53	1.64	-0.25	2.44
2025		3.39	-2.64	10.31	1.47	-0.21	2.46
Rerata selisih UCC tersedia tahun 2019-2025 =							2.35

1.7. Lampiran selisih waktu terpakai 2019- 2025

Tahun	Selisih antar waktu terpakai (jam)						Rerata selisih per tahun
	CC 1	CC 2	CC 3	CC 4	CC 6	CC 7	
2019		75.60	-310.11	823.78	92.75	159.27	168.26
2020		139.68	-292.46	767.19	139.46	125.50	175.87
2021		177.84	-260.00	685.12	185.58	128.60	183.43
2022		165.80	-236.89	740.47	122.70	98.49	178.11
2023		219.36	-256.71	763.43	119.12	58.05	180.65
2024		230.03	-207.85	806.46	125.39	-19.02	187.00
2025		259.33	-201.99	789.49	112.78	-16.17	188.69
Rerata selisih waktu terpakai tahun 2019-2025 =							180.29



