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Lampiran 1. Data Bongkar Muat Terminal Petikemas New Makassar (Terminal 1)

NO.	ARRIVE	NAMA KAPAL	GT (m3)	KAPASITAS (TEUs/t DWT)	DIMENSI			BONGKAR/MUAT		BT	BWT	ET	IT	NOT
					LOA	B	T	BONGKAR (BOX)	MUAT (BOX)					
1	28/02/23 22:00	TANTO CAHAYA	9.877	13.453	148	22	7,7	62	33	3,70	3,20	3,20	-	0,50
2	1/03/23 5:30	INTAN DAYA 4	4.592	4.593	89	18	5,5	156	153	10,28	9,08	7,81	0,07	2,40
3	2/03/23 3:00	TANTO PERMAI	8.652	662	144	22	5,7	82	63	4,53	3,60	3,35	0,25	0,93
4	2/03/23 11:23	TANTO LESTARI	6.979	569	124	21	4,8	76	18	4,48	3,60	3,60	-	0,88
5	2/03/23 15:00	TANTO RAYA	6.867	588	121	20	8,1	63	76	6,42	5,22	4,12	0,18	2,12
6	3/03/23 2:35	MERATUS MAKASSAR	11.964	1.104	150	24	6,2	430	336	20,70	19,75	16,15	-	4,55
7	4/03/23 10:00	MERATUS PROJECT 3	9.611	12.811	139	21	5,3	390	228	13,42	12,12	10,77	-	2,65
8	5/03/23 2:27	TANTO SALAM	10.461	932	137	24	5,6	101	87	6,75	5,93	5,20	0,73	0,82
9	5/03/23 4:30	TANTO TENANG	9.030	834	137	22	7,5	414	463	20,08	17,87	16,02	-	4,07
10	5/03/23 11:00	SPIL HANA	10.165	913	119	26	5,7	113	87	7,75	6,80	6,20	0,07	1,48
11	6/03/23 4:00	BALI AYU	3.096	5.253	97	16	4,3	47	118	5,97	5,10	4,65	-	1,32
12	6/03/23 9:45	SITC QIMING	29.232	2.600	186	35	10,4	24	183	10,88	9,87	8,39	0,68	1,82
13	6/03/23 12:00	INTAN DAYA 17	7.269	8.842	98	24	5,8	282	218	15,52	14,73	12,67	0,43	2,41
14	6/03/23 15:20	TANTO SIAP	8.075	600	130	23	4,6	-	132	5,47	4,65	4,27	-	1,20
15	6/03/23 16:00	ORIENTAL PACIFIC	6.088	8.753	128	18	5,9	96	112	8,83	8,35	7,23	0,62	0,98
16	7/03/23 0:10	TANTO BAGUS	7.091	8.115	126	19	6	63	36	3,32	2,60	2,60	-	0,72
17	7/03/23 10:50	ILLANUR	2.528	3.442	86	14	5,8	97	55	4,07	3,33	3,33	-	0,73
18	8/03/23 3:00	INTAN DAYA 4	4.592	4.593	89	18	5,5	155	155	7,40	6,75	6,19	0,03	1,18
19	8/03/23 11:40	INTAN DAYA 12	5.492	7500	98	5,3	21	230	245	13,80	12,97	10,79	0,60	2,41
20	8/02/23 18:17	MERATUS MAKASSAR	11.964	1.104	150	24	6,2	395	470	24,60	24,02	20,55	0,27	3,78
21	9/03/23 1:34	CTP HONOUR	5.906	7.761	127	18	5,4	309	473	21,70	21,05	17,34	1,23	3,13
22	9/03/23 17:18	TANTO DAMAI	6.114	7.480	127	20	6,2	84	40	4,08	3,37	3,37	-	0,72
23	10/03/23 16:00	TANTO TERANG	9.380	736	145	22	7,1	60	62	4,05	3,67	3,34	-	0,71
24	10/03/23 21:08	AKASHIA	2.979	288	96	16	5,7	85	59	4,67	4,07	4,07	-	0,60
25	10/03/23 21:40	TANTO CAHAYA	9.877	13.453	148	22	7,7	417	483	21,53	20,43	18,65	0,28	2,60
26	11/03/23 18:50	MERATUS PROJECT 3	9.611	12.811	139	21	5,3	261	376	17,55	16,17	12,62	1,97	2,96
27	11/03/23 19:30	INTAN DAYA 15	2.997	5.300	90	20	4	240	187	12,00	11,07	10,50	-	1,50
28	11/03/23 22:00	TANTO SELALU	8.075	600	130	23	4,8	121	97	7,43	6,68	6,05	-	1,38
29	12/03/23 7:35	TANTO SURYA	8.142	480	130	21	7	116	31	6,33	5,32	4,79	0,53	1,02
30	12/03/23 16:00	TANTO KELUARGA	6.743	558	120	22	5,3	62	113	3,65	3,18	2,91	0,27	0,47
31	12/03/23 22:00	ARMADA SEJATI	6.093	495	114	18	8,4	92	87	6,27	5,22	4,64	-	1,63
32	13/03/23 7:10	TANTO EXPRESS	9.179	662	144	22	6,3	126	45	5,00	4,35	3,53	-	1,47
33	13/03/23 8:55	INTAN DAYA 17	7.269	8.842	98	24	5,8	220	183	11,05	10,52	9,70	-	1,35
34	13/03/23 18:00	SITC DECHENG	26.771	2.400	189	32	9,2	44	251	12,92	12,40	9,58	0,40	2,94
35	13/03/23 18:50	TANTO RAYA	6.867	588	121	20	8,1	92	34	4,55	4,00	3,58	-	0,97

Sumber : hasil survey 2023

Lanjutan Tabel Lampiran 2

36	15/03/23 5:00	INTAN DAYA 4	4.592	4.593	89	18	5,5	151	162	8,65	8,08	6,86	0,27	1,52
37	15/03/23 3:00	TANTO TENANG	9.030	834	137	22	7,5	411	505	20,18	19,57	17,50	0,42	2,27
38	15/03/23 12:00	SPIL HAPSRI	10.165	913	136	22	4,4	179	240	15,08	14,50	12,85	0,80	1,43
39	16/03/23 14:18	TANTO SEJAHTERA	10.461	932	137	23	5,8	91	114	6,68	6,18	5,41	0,17	1,10
40	16/03/23 18:00	ILLANUR	2.528	3.442	86	14	5,8	88	83	5,33	4,73	3,91	0,35	1,07
41	17/03/23 3:24	CTP HONOUR	5.906	7.761	127	18	5,4	368	267	17,38	16,57	13,65	0,22	3,52
42	18/03/23 2:40	TANTO KAWAN	5.906	558	127	22	5	166	89	7,70	7,00	6,05	-	1,65
43	18/03/23 19:00	MERATUS PROJECT 3	9.611	12.811	139	21	5,3	411	380	15,67	15,00	13,15	0,57	1,95
44	19/03/23 21:00	TANTO SUKSES	8.075	600	130	23	4,5	1	195	5,83	5,28	4,56	0,72	0,55
45	20/03/23 1:00	INTAN DAYA 12	5.492	7500	98	5,3	21	215	185	10,47	9,80	8,61	0,17	1,69
46	20/03/23 7:00	TANTO LESTARI	6.979	569	124	21	4,8	156	51	7,33	6,70	5,50	0,20	1,63
47	20/03/23 9:15	INTAN DAYA 17	7.269	8.842	98	24	5,8	238	262	13,40	12,55	10,63	-	2,77
48	20/03/23 13:00	SITC XINCHENG	26.771	2.470	189	32	9,4	87	237	10,25	8,90	7,87	-	2,38
49	21/03/23 19:00	TANTO CAHAYA	9.877	13.453	148	22	7,7	412	481	24,45	23,67	19,69	0,88	3,88
50	22/03/23 0:02	TANTO SIAP	8.075	600	130	23	4,6	182	111	7,67	6,85	5,45	-	2,22
51	22/03/23 7:30	INTAN DAYA 15	2.997	5.300	90	20	4	217	105	9,88	8,95	8,42	0,53	0,93
52	22/03/23 11:00	MERATUS MAKASSAR	11.964	1.104	150	24	6,2	438	322	18,02	17,05	14,38	0,07	3,57
53	22/03/23 19:00	INTAN DAYA 4	4.592	4.593	89	18	5,5	151	166	10,28	9,63	7,55	-	2,73
54	23/03/23 11:30	LUZON	12.029	1.122	157	24	7,9	121	66	6,90	6,30	4,35	0,08	2,47
55	23/03/23 14:00	ORIENTAL EMERALD	13.448	1.157	160	26	8,4	78	58	5,92	5,23	3,50	0,08	2,33
56	24/03/23 8:00	TANTO PERMAI	8.652	662	144	22	7,1	121	103	7,15	6,55	4,65	0,32	2,18
57	24/03/23 21:46	TANTO BAGUS	7.091	8.115	126	19	6	109	82	7,68	7,10	4,93	-	2,75
58	24/03/23 22:30	ARMADA SEJATI	6.093	495	114	18	8,4	84	78	5,37	5,75	3,32	0,20	1,85
59	25/03/23 2:00	CTP HONOUR	5.906	7.761	127	18	5,4	358	244	18,00	17,47	13,92	0,05	4,03
60	25/03/23 8:30	TANTO TENANG	9.030	834	137	22	7,5	405	390	21,12	20,35	16,35	0,05	4,37
61	25/03/23 23:06	MERATUS BATAM	9.991	910	139	24	7,5	245	151	12,63	12,10	10,35	0,40	2,28
62	26/03/23 1:24	ILLANUR	2.528	3.442	86	14	5,8	105	66	5,20	4,75	4,35	-	0,70
63	26/03/23 11:00	TANTO JAYA	12.471	1.060	147	25	6,8	88	198	10,53	9,75	7,70	0,15	2,48
64	27/03/23 6:00	SITC MINGCHENG	26.771	2.470	189	32	8	73	110	10,00	8,43	7,58	0,35	2,42
65	27/03/23 11:00	INTAN DAYA 17	7.269	8.842	98	24	5,8	180	210	10,62	6,78	6,66	-	3,83
66	28/03/23 20:31	SPIL HAYU	10.165	913	135	23	5,7	232	200	13,67	12,97	11,99	0,12	0,70
67	29/03/23 7:50	INTAN DAYA 4	4.592	4.593	89	18	5,5	152	161	9,97	9,43	7,35	0,98	1,83
68	29/03/23 8:15	TANTO KAWAN	6.812	558	120	22	5	127	53	6,85	6,20	5,12	0,78	1,73
69	29/03/23 23:00	TANTO TERANG	9.380	736	145	7,1	22,4	396	459	27,10	26,48	23,99	0,02	3,09
70	29/03/23 23:00	INTAN DAYA 12	5.492	7500	98	5,3	21	219	134	10,08	9,62	7,10	-	2,99
71	30/03/23 8:05	ARMADA SENADA	5.320	453	121	6,5	18,4	30	73	3,75	3,23	3,00	0,23	0,52
72	30/03/23 17:00	INTAN DAYA 9	2.994	3283	90	5,6	19	107	66	7,60	6,97	4,79	0,10	2,71
73	29/03/23 18:16	MERATUS MAKASSAR	11.964	1104	150	6,2	23,1	325	413	19,00	18,25	14,95	0,37	3,68
74	31/03/23 9:00	TANTO SALAM	10.461	932	137	5,6	24	93	102	6,28	5,50	4,58	-	1,70
75	31/03/23 17:20	HUJAU SEJUK	8.203	802	129	7,5	23	96	45	4,62	4,43	3,85	0,58	0,18

Sumber : hasil survey 2023

Lanjutan Tabel Lampiran 2

76	03/04/2023 20:10	SITC QIMING	29.232	2.600	186	35	10,4	91	188	15,7	13,33	8	2,98	4,8
77	03/04/2023 20:43	TANTO BAGUS	7.091	8.115	126	19	6	58	44	6,4	4,22	4	0,33	1,43
78	03/04/2023 23:00	SPIIL HAPSRI	10.165	913	136	22	4,4	185	142	17,18	15,24	11,7	0,35	5,5
79	04/04/2023 09:24	TANTO CAHAYA	9.877	13.453	148	22	7,7	435	408	25,4	23,22	21,5	1,35	2,29
80	05/04/2023 08:00	ILLANUR	2.528	3.442	86	14	5,8	70	93	8,18	6,35	5,33	0,40	2,22
81	14/04/2023 15:00	MERATUS PALEMBANG	5612	7853	117	20	4,4	190	81	8,3	4,46	2,49	0,17	5,4
82	15/04/2023 14:30	TANTO DAMAI	6.114	7.480	127	20	6,2	175	61	7,58	6,3	4,23	0,50	3,6
83	16/04/2023 21:54	MERATUS GORONTALO	13444	1005	162	25,6	6,4	438	0	13,21	9,4	7,35	0,32	4,17
84	16/04/2023 20:40	ORIENTAL SAMUDRA	6040	8700	128	17	4,6	191	65	12,1	7,13	4,7	0,97	4,45
85	17/04/2023 19:00	INTAN DAYA 15	2.997	5.300	90	20	4	180	50	12	10,43	10,2	0,37	1,17
86	18/04/2023 10:00	INTAN DAYA 12	5.492	7500	98	5,3	21	223	237	17,15	14,3	10,33	2,10	4,42
87	19/04/2023 13:00	INTAN DAYA 4	4.592	4.593	89	18	5,5	117	56	9,39	5,4	3,55	0,69	5,3
88	19/04/2023 16:30	SITC XINCHENG	26.771	2.470	189	32	9,4	15	306	17,18	14	9,57	1,65	6,42
89	21/04/2023 05:30	TANTO EXPRESS	9.179	662	144	22	6,3	54	100	9,45	6,51	4,41	0,52	4,31
90	21/04/2023 11:30	MERATUS WAKATOBII	11512	880	146	24	6,7	120	145	77,51	75,3	8,28	0,60	67,19
91	22/04/2023 06:00	MERATUS PEKANBARU	5316	7691	117	19,74	5,3	323	233	13,46	11,53	11,12	0,69	1,53
92	22/04/2023 13:00	TANTO JAYA	12.471	1.060	147	25	6,8	37	14	4,11	1,57		-	2,14
93	22/04/2023 20:48	TANTO KAWAN	6.812	558	120	22	5	35	34	4,4	3	2,5	0,17	1,4
94	22/04/2023 01:02	ARMADA SEJATI	6.093	495	114	18	8,4	121	20	7,45	6,21	4,5	0,15	2,48
95	23/04/2023 16:30	TANTO SUKSES	8.075	600	130	23	4,5	4	66	8,3	6,34	5,8	0,17	2,44
96	27/04/2023 18:15	TANTO TERANG	9.380	736	145	7,1	22,4	351	254	18,41	14,23	11,29	1,23	5,58
97	27/04/2023 23:00	INTAN DAYA 9	2.994	3283	90	5,6	19	100	93	11,12	6,54	4,45	2,15	4,18
98	29/04/2023 18:00	SPIIL HAYU	10.165	913	135	23	5,7	139	123	8,3	7,17	6,12	1,8	1,13
99	30/04/2023 05:00	CTP HONOUR	5.906	7.761	127	18	5,4	352	71	14,9	11,8	8,58	0,82	4,22
100	01/05/2023 11:00	SITC QIMING	29.232	2.600	186	35	10,4	100	84	8,2	5,19	5,2	0,15	3,9
101	08/05/2023 10:57	SITC DECHENG	26.771	2.400	189	32	9,2	125	219	15,93	12,85	11,95	0,9	12,92
102	08/05/2023 19:40	INTAN DAYA 17	7.269	8.842	98	24	5,8	203	289	24,32	21,28	20,27	1,01	3,04
103	09/05/2023 04:05	INTAN DAYA 88	2992	4537	90	16	5	55	26	6,04	1,53	0,93	0,6	4,51
104	09/05/2023 17:30	ARMADA SEJATI	6.093	495	114	18	8,4	95	66	6,4	4,25	3,2	1,05	2,15
105	10/05/2023 05:20	TANTO PERMAI	8.652	662	144	22	7,1	106	147	8,15	7,13	6,65	0,48	0,96

Sumber : hasil survey 2023

Lampiran 2. Data Bongkar Muat Terminal Petikemas New Makassar (Terminal 2)

NO.	ARRIVE	NAMA KAPAL	GT (m3)	KAPASITAS (TEUs/t DWT)	DIMENSI		BONGKAR/MUAT		BT	BWT	ET	IT	NOT
					LOA	T	BONGKAR (BOX)	MUAT (BOX)					
1	27/04/23 10:00	MV. SELAT MAS	13.941	604	167	8,3	458	282	13,62	12,22	10,22	-	3,40
2	1/05/23 11:25	MV. ORIENTAL EMERALD	13.448	582	160	8,7	122	111	9,25	5,82	5,82	-	3,43
3	29/04/23 8:15	MV. FORTUNE	2.979	129	96	5,65	1	160	9,98	8,52	7,52	-	2,47
4	2/05/23 20:34	MV. MERATUS PEKAN BARU	5.316	230	117	6,45	182	163	10,63	9,97	8,97	-	1,67
5	3/05/23 12:00	MV. TANTO SURYA	8.142	352	130	11,15	99	104	12,67	10,15	8,49	0,23	3,95
6	4/05/23 21:30	MV. ORIENTAL GOLD	13.310	576	162	9,282	43	177	7,97	6,68	6,63	0,05	1,28
7	5/05/23 20:20	MV. MERATUS KAMPAR	6.626	287	119	5,2	331	289	14,82	13,12	12,00	0,12	2,70
8	5/05/23 10:18	MV. DERYA MAS	5.250	227	110	6,5	305	228	19,95	18,12	15,12	-	4,83
9	7/05/23 18:00	MV. FORTUNE	2.979	129	96	5,65	32	139	5,45	3,97	3,97	-	1,48
10	8/05/23 7:04	MV. ORIENTAL SILVER	13.456	583	160	8,72	188	132	11,68	10,25	8,17	0,08	3,43
11	8/05/23 6:04	MV. SELILI BARU	5.700	247	120	5,6	257	311	20,10	18,48	15,93	0,55	3,62
12	8/05/23 15:00	MV. KUALA MAS	6.083	263	128	8,2	288	222	15,55	12,90	11,80	0,10	3,65
13	8/05/23 15:04	MV. IFAMA MAS	1.420	61	155	8,4	39	198	8,93	7,22	6,81	0,03	2,10
14	9/05/23 19:30	MV. TANTO BAGUS	7.091	307	126	5,8	65	80	8,25	5,95	5,78	0,10	2,37
15	11/05/23 20:40	MV. IZUMI MAS	14.120	611	155	8,4	128	37	9,07	7,78	4,72	0,03	4,31
16	11/05/23 14:00	MV. HIJAU JELITA	8.890	385	136	7,8	79	69	9,33	6,95	5,95	-	3,38
17	12/05/23 16:40	MV. MERATUS PALEMBANG	5.316	230	117	6,45	168	95	10,03	7,87	7,87	-	2,17
18	12/05/23 19:50	MV. MERATUS MEDAN 2	16.731	724	184,51	9,528	657	610	29,42	27,43	24,43	-	4,98
19	12/05/23 21:30	MV. TANTO SELALU	7.999	346	130	5,8	60	187	16,20	13,97	13,67	0,30	2,23
20	14/05/23 3:06	MV. ORIENTAL EMERALD	13.448	582	160	8,7	30	185	6,93	5,20	5,20	-	1,73
21	13/05/23 15:00	MV. BALI SANUR	2.997	130	97	5,95	222	121	13,27	11,90	9,90	-	3,37
22	15/05/23 14:00	MV. KUALA MAS	6.083	263	128	8,2	269	128	24,75	23,48	15,01	1,80	7,94
23	15/05/23 14:00	MV. ORIENTAL GOLD	13.310	576	162	9,282	80	91	9,00	7,23	6,11	0,12	2,77
24	16/05/23 2:00	MV. SELAT MAS	13.941	604	167	8,3	473	324	20,78	17,93	15,83	0,10	4,85
25	16/05/23 14:00	MV. DERYA MAS	5.250	227	110	6,5	241	246	16,40	14,38	12,38	-	4,02
26	16/05/23 13:12	MV. PAHALA	2.996	130	96	5,85	201	173	14,13	12,65	10,37	-	3,76
27	16/05/23 15:00	MV. TANTO SEMANGAT	8.612	373	140	7,5	162	73	11,78	10,42	8,19	0,23	3,37
28	17/05/23 6:00	MV. ORIENTAL SAMUDRA	6.040	261	128	6,2	121	49	6,42	5,07	4,95	0,12	1,35
29	17/05/23 17:30	MV. IZUMI MAS	14.120	611	155	8,4	98	370	18,08	16,68	14,70	-	3,38
30	19/05/23 0:34	MV. IFAMA MAS	14.120	611	155	8,4	97	36	6,33	1,28	3,57	0,23	5,08
31	19/05/23 23:30	MV. MERATUS PANGKAL PINANG	5.536	240	117	6,45	177	65	9,98	8,10	7,10	-	2,88
32	20/05/23 9:36	MV. FORTUNE	2.979	129	96	5,65	128	130	8,32	7,17	6,17	-	2,15
33	20/05/23 19:20	MV. HIJAU SAMUDRA	15.184	657	167	12,9	141	100	7,03	5,52	5,52	-	1,52
34	21/05/23 11:30	MV. HIJAU SEJUK	8.203	355	129	7,816	71	51	6,50	3,88	3,81	0,07	2,62
35	19/05/23 0:20	MV. BALI SANUR	2.997	130	97	5,95	39	141	8,13	5,88	4,85	0,03	3,25

Sumber : hasil survey 2023

Lanjutan Tabel Lampiran 2.....

36	22/05/23 23:30	MV. BALI AYU	2.995	130	97	5,95	218	172	12,57	10,62	8,52	0,10	3,95
37	23/05/23 4:00	MV. PRATIWI RAYA	2.998	130	97	7,4	114	89	12,33	10,15	8,65	0,50	3,18
38	25/05/23 4:00	MV. KUALA MAS	6.083	263	128	8,2	253	177	11,40	9,42	8,34	0,08	2,98
39	25/05/23 6:00	MV. IFAMA MAS	14.120	611	155	8,4	135	97	8,25	6,93	5,85	0,08	2,32
40	25/05/23 23:00	MV. ORIENTAL RUBY	14.120	611	155	10,52	364	138	17,55	14,17	12,10	0,07	5,38
41	26/05/23 13:00	MV. TANTO DAMAI	14.120	611	155	6,5	67	92	6,43	5,07	4,07	0,00	2,37
42	26/05/23 14:30	MV. SELAT MAS	13.941	604	167	8,3	452	270	20,70	17,55	15,55	0,00	5,15
43	25/05/23 12:17	MV. DERYA MAS	5.250	227	110	6,5	91	211	12,67	11,33	9,33	0,00	3,33
44	27/05/23 19:00	MV. KISIK MAS	8.647	374	144	8,29	193	32	4,92	3,25	3,25	0,00	1,67
45	28/05/23 4:15	MV. ORIENTAL GOLD	13.310	576	162	9,282	64	178	11,28	8,98	7,98	0,00	3,30
46	28/05/23 6:00	MV. PAHALA	2.996	130	96	5,85	189	102	13,90	10,05	8,98	0,07	4,85
47	28/05/23 14:10	MV. IZUMI MAS	14.120	611	96	8,4	126	75	7,08	5,65	5,45	0,20	1,43
48	27/05/23 5:49	MV. BALI SANUR	2.997	130	97	5,95	27	130	6,40	4,98	4,85	0,13	1,42
49	31/05/23 1:00	MV. TANTO PERMAI	9.179	397	145	7	59	60	7,50	5,37	4,34	0,03	3,13
50	31/05/23 2:40	MV. TANTO SEMANGAT	8.612	373	140	7,5	96	53	8,83	6,33	5,13	-	3,70
51	30/05/23 23:19	MV. MERATUS AMPANA	20.471	886	179	10,43	548	745	28,10	25,67	22,67	0	5,43
52	1/06/23 1:35	MV. ARMADA SEJATI	6.093	264	114	8	61	97	10,33	7,43	6,43	0	3,90
53	1/06/23 9:18	MV. KUALA MAS	6.083	263	128	8,2	281	126	9,45	7,37	6,25	0,12	3,08
54	1/06/23 13:10	MV. VERIZON	11.788	510	145	8,8	57	76	10,33	7,82	6,54	0,28	3,52
55	2/06/23 6:24	MV. MERATUS MEDAN 1	13.853	600	162	8,915	234	88	14,75	11,28	10,01	0,27	4,47
56	2/06/23 9:35	MV. BALI AYU	2.995	130	97	5,95	205	156	15,38	12,08	9,96	0,12	5,30
57	2/06/23 22:28	MV. ORIENTAL GOLD	13.310	576	162	9,282	332	612	24,20	22,03	20,00	0,03	4,17
58	3/06/23 2:30	MV. IFAMA MAS	14.120	611	155	8,4	193	41	13,75	11,50	9,03	0,47	4,25
59	3/06/23 17:55	MV. HIJAU SEGAR	7.970	345	133	7,8	74	41	6,22	4,33	4,20	0,13	1,88
60	3/06/23 23:48	MV. MERATUS PANGKAL PINANG	5.536	240	117	6,45	172	104	6,17	4,62	4,62	0	1,55
61	4/06/23 10:10	MV. IZUMI MAS	14.120	611	155	8,4	109	241	13,00	11,90	9,70	0,2	3,10
62	4/06/23 15:45	MV. MERATUS MEDAN 2	16.731	724	185	9,528	542	645	28,17	26,58	23,40	0,18	4,58
63	5/06/23 15:11	MV. DERYA MAS	5.250	227	110	6,5	326	215	10,62	9,27	8,14	0,13	2,35
64	6/06/23 9:02	MV. ORIENTAL JADE	18.000	779	176	10,25	436	91	17,22	14,82	12,65	0,17	4,40
65	6/06/23 11:18	MV. SELAT MAS	13.941	604	167	8,3	559	101	25,83	22,52	20,15	0,37	5,32
66	7/06/23 3:10	MV. ARMADA PERMATA	9.210	399	129	8,2	27	61	4,83	3,72	2,62	0,1	2,12
67	7/06/23 11:10	MV. BALI SANUR	2.997	130	97	5,95	21	131	7,17	5,52	4,09	0,43	2,65
68	7/06/23 14:30	MV. TANTO SENANG	9.210	399	129	7,5	118	57	8,83	6,58	5,40	0,18	3,25
69	7/06/23 20:40	MV. KUALA MAS	6.083	263	128	8,2	251	376	23,33	20,37	17,85	0,52	4,97
70	8/06/23 13:53	MV. JALES MAS	7.032	304	120	5,17	250	241	14,62	13,30	12,30	0	2,32
71	9/06/23 2:07	MV. ARMADA SEJATI	6.093	264	114	8	32	58	7,30	4,90	3,82	0,08	3,40
72	10/06/23 1:26	MV. MINAS BARU	5.700	247	120	6,2	324	252	18,32	16,13	14,83	0,3	3,18
73	10/06/23 6:37	MV. MERATUS PALEMBANG	5.316	230	117	6,45	199	51	10,22	8,67	7,64	0,03	2,55
74	10/06/23 21:10	MV. IFAMA	14.120	611	155	8,4	57	128	6,47	3,90	3,90	0	2,57
75	11/06/23 5:30	MV. KANAL MAS	6.640	287	120	5,2	283	412	18,05	16,83	14,83	0	3,22

Sumber : hasil survey 2023

Lanjutan Tabel Lampiran 2.....

76	11/06/23 5:59	MV. MERATUS AMURANG	20.471	886	179	10,43	433	779	33,80	29,98	26,90	0,08	6,82
77	12/06/23 1:15	MV. ORIENTAL EMERALD	13.448	582	160	8,7	-	194	12,33	8,82	7,70	0,12	4,52
78	12/06/23 15:30	MV. FORTUNE	2.979	129	96	5,65	75	114	9,22	7,40	6,28	0,12	2,82
79	12/06/23 17:02	MV. IZUMI MAS	14.120	611	155	8,4	160	44	7,47	6,10	5,10	0	2,37
80	13/06/23 5:25	MV. ORIENTAL SILVER	13.456	583	160	8,72	85	-	9,17	6,10	5,93	0,12	3,12
81	13/06/23 15:46	MV. VERIZON	11.788	510	145	8,8	11	304	9,53	7,45	6,45	0	3,08
82	14/06/23 0:42	MV. MUARA MAS	11.788	510	145	8,5	193	350	16,00	14,83	13,83	0	2,17
83	15/06/23 10:58	MV. AKASIA	2.979	129	96	5,7	96	53	6,70	5,88	4,85	0,03	1,82
84	15/06/23 12:57	MV. TANTO SEMANGAT	8.612	373	140	7,5	47	91	8,70	6,73	5,55	0,18	2,97
85	16/06/23 14:20	MV. MERATUS MEDAN 3	16.731	724	185	9,528	685	586	29,17	27,72	24,39	0,33	4,45
86	16/06/23 19:35	MV. MERATUS PANGKAL PINANG	5.536	240	117	6,45	140	92	10,17	8,27	7,79	0,48	1,90
87	17/06/23 7:10	MV. PAHALA	2.996	130	96	5,85	160	155	15,80	14,17	12,17	0	3,63
88	17/06/23 21:05	MV. LUZON	1.209	52	157	9,7	68	56	6,87	5,18	5,06	0,12	1,68
89	18/06/23 0:23	MV. GUHI MAS	2.360	102	86	6,42	-	178	10,45	7,37	7,37	0	3,08
90	18/06/23 17:25	MV. FORTUNE	2.979	129	96	5,65	20	85	5,27	3,83	3,66	0,17	1,43
91	18/06/23 16:30	MV. ORIENTAL JADE	18.000	779	176	10,25	106	220	22,87	17,77	15,59	0,18	7,10
92	19/06/23 0:26	MV. IFAMA MAS	14.120	611	155	8,4	159	39	8,78	6,82	5,82	0	2,97
93	19/06/23 10:20	MV. IZUMI MAS	14.120	611	155	8,4	89	95	6,55	5,12	4,12	0	2,43
94	19/06/23 16:34	MV. BALI SANUR	2.997	130	97	5,95	204	123	9,82	8,18	7,18	0	2,63
95	20/06/23 2:06	MV. HILIR MAS	6.640	287	120	5,2	402	177	13,78	12,45	10,13	0,32	3,33
96	20/06/23 9:26	MV. MUARA MAS	4.990	216	107	8,5	232	348	15,95	13,30	11,22	0,08	4,65
97	20/06/23 18:25	MV. ORIENTAL DIAMOND	26.047	1.128	196	7,9	396	179	13,87	12,10	10,85	0,25	2,77
98	21/06/23 13:54	MV. TANTO SENANG	8.612	373	140	7,5	52	53	3,87	2,82	2,82	0	1,05
99	22/06/23 21:13	MV. DERYA MAS	5.250	227	110	6,5	249	224	16,68	16,00	13,05	0,15	3,48
100	23/06/23 7:10	MV. MERATUS PALEMBANG	5.316	230	117	6,45	182	77	9,88	8,32	6,97	0,35	2,57
101	23/06/23 22:01	MV. MERATUS AMPANA	20.471	886	179	10,43	785	659	36,50	34,03	30,70	0	5,80
102	24/06/23 6:15	MV. PRATIWI SATU	3.065	133	97	5,8	204	162	13,58	12,12	10,85	0,27	2,47
103	24/06/23 21:39	MV. FORTUNE	2.979	129	96	5,65	24	136	8,23	6,70	6,48	0,22	1,53
104	25/06/23 13:55	MV. ORIENTAL SILVER	13.456	583	160	8,72	10	144	10,07	8,28	7,11	0,17	2,78
105	25/06/23 14:35	MV. ORIENTAL GOLD	13.310	576	162	9,282	180	59	8,92	7,35	6,35	0	2,57
106	26/06/23 2:09	MV. IFAMA MAS	14.120	611	155	8,4	125	503	17,22	14,45	12,45	0	4,77
107	26/06/23 1:16	MV. CURUG MAS	4.990	216	107	8,5	232	134	11,48	9,97	8,94	0,03	2,52
108	27/06/23 0:18	MV. IZUMI MAS	14.120	611	155	8,4	136	86	7,37	6,13	5,05	0,08	2,23
109	27/06/23 10:20	MV. VERIZON	11.788	510	145	8,8	281	60	12,58	11,07	9,89	0,18	2,52
110	28/06/23 13:30	MV. GUHI MAS	2.360	102	86	6,42	142	23	5,50	3,65	3,65	0	1,85
111	29/06/23 16:35	MV. BALI SANUR	2.997	130	97	5,95	218	115	10,95	9,40	8,40	0	2,55
112	30/06/23 17:20	MV. DAYAK MAS	4.562	197	100	4,76	-	173	5,50	4,60	3,60	0	1,90

Sumber : hasil survey 2023

**Lampiran 3. Rekap Data Bongkar Muat Terminal Petikemas New Makassar (Terminal
1 dan 2)**

No	Nama Kapal	Bongkar Muat (Box)	Container Crane (Unit)	(RTG) (Unit)	Headtruck (Unit)	Effective Time (Jam)
1	Tanto Cahaya	95	4	15	35	3,20
2	Intan Daya 4	309	4	10	25	7,81
3	Tanto Permai	145	4	6	26	3,35
4	Tanto Lestari	94	3	4	12	3,60
5	Tanto Raya	139	4	6	16	4,12
6	Meratus Makassar	766	4	15	37	16,15
7	Meratus Project 3	618	1	15	10	10,77
8	Tanto Salam	188	4	11	20	5,20
9	Tanto Tenang	877	4	14	32	16,02
10	Spil Hana	200	3	11	21	6,20
11	Bali Ayu	165	3	7	19	4,65
12	Sitc Qiming	207	3	6	17	8,39
13	Intan Daya 17	500	4	11	27	12,67
14	Tanto Siap	132	2	5	14	4,27
15	Oriental Pacific	208	2	7	23	7,23
16	Tanto Bagus	99	2	6	14	2,60
17	Illanur	152	2	6	19	3,33
18	Intan Daya 4	310	4	7	26	6,19
19	Intan Daya 12	475	4	10	31	10,79
20	Meratus Makassar	865	4	10	33	20,55
21	Ctp Honour	782	4	15	33	17,34
22	Tanto Damai	124	2	7	15	3,37
23	Tanto Terang	122	2	8	12	3,34
24	Akashia	144	2	6	16	4,07
25	Tanto Cahaya	900	4	13	34	18,65
26	Meratus Project 3	637	4	12	30	12,62
27	Intan Daya 15	427	3	11	22	10,50
28	Tanto Selalu	218	2	9	22	6,05
29	Tanto Surya	147	2	7	19	4,79
30	Tanto Keluarga	175	2	2	9	2,91
31	Armada Sejati	179	4	5	21	4,64
32	Tanto Express	171	4	10	17	3,53
33	Intan Daya 17	403	4	10	27	9,70
34	Sitc Decheng	295	4	6	23	9,58
35	Tanto Raya	126	2	8	9	3,58
36	Intan Daya 4	313	4	11	24	6,86

37	Tanto Tenang	916	4	14	30	17,50
38	Spil Hapsri	419	4	12	27	12,85
39	Tanto Sejahtera	205	2	9	17	5,41
40	Illanur	171	2	10	14	3,91
41	Ctp Honour	635	4	14	30	13,65
42	Tanto Kawan	255	4	9	28	6,05
43	Meratus Project 3	791	4	12	31	13,15
44	Tanto Sukses	196	4	3	15	4,56
45	Intan Daya 15	400	4	8	28	8,61
46	Tanto Lestari	207	2	9	25	5,50
47	Intan Daya 17	500	4	12	27	10,63
48	Sitc Xincheng	324	4	6	33	7,87
49	Tanto Cahaya	893	4	19	36	19,69
50	Tanto Siap	293	4	8	22	5,45
51	Intan Daya 15	322	3	10	16	8,42
52	Meratus Makassar	760	4	16	30	14,38
53	Intan Daya 4	317	4	9	22	7,55
54	Luzon	187	3	11	22	4,35
55	Oriental Emerald	136	3	7	21	3,50
56	Tanto Permai	224	4	13	24	4,65
57	Tanto Bagus	191	2	8	20	4,93
58	Armada Sejati	162	2	9	16	3,32
59	Ctp Honour	602	4	12	32	13,92
60	Tanto Tenang	795	4	15	31	16,35
61	Meratus Batam	396	4	8	28	10,35
62	Illanur	171	2	8	18	4,35
63	Tanto Jaya	286	2	10	16	7,70
64	Sitc Mingcheng	183	3	5	26	7,58
65	Intan Daya 17	390	4	15	26	6,66
66	Spil Hayu	432	4	13	45	11,99
67	Intan Daya 4	313	4	11	35	7,35
68	Tanto Kawan	180	2	11	26	5,12
69	Tanto Terang	855	4	15	37	23,99
70	Intan Daya 12	353	4	12	26	7,10
71	Armada Senada	103	2	6	11	3,00
72	Intan Daya 9	173	4	11	19	4,79
73	Meratus Makassar	738	2	14	22	14,95
74	Tanto Salam	195	4	12	34	4,58
75	Hijau Sejuk	141	2	9	16	3,85
76	Sitc Qiming	279	4	5	27	8
77	Tanto Bagus	102	2	6	12	4

78	Spil Hapsri	327	2	9	22	11,7
79	Tanto Cahaya	843	4	18	33	21,5
80	Illanur	163	4	12	17	5,33
81	Meratus Palembang	271	4	10	26	2,49
82	Tanto Damai	236	4	10	24	4,23
83	Meratus Gorontalo	438	2	11	17	7,35
84	Oriental Samudra	256	4	9	25	4,7
85	Intan Daya 15	230	4	14	25	10,2
86	Intan Daya 12	460	4	12	30	10,33
87	Intan Daya 4	173	4	11	24	3,55
88	Sitc Xincheng	321	4	5	24	9,57
89	Tanto Express	154	2	5	19	4,41
90	Meratus Wakatobi	265	2	9	23	8,28
91	Meratus Pekanbaru	556	4	10	33	11,12
92	Tanto Jaya	51	2	4	10	1,95
93	Tanto Kawan	69	2	6	10	2,5
94	Armada Sejati	141	3	7	19	4,5
95	Tanto Sukses	70	2	6	12	5,8
96	Tanto Terang	605	4	10	28	11,29
97	Intan Daya 9	193	4	12	21	4,45
98	Spil Hayu	262	4	10	23	6,12
99	Ctp Honour	423	4	12	25	8,58
100	Sitc Qiming	184	4	5	25	5,2
101	Sitc Decheng	344	4	7	3	11,95
102	Intan Daya 17	492	3	10	4	20,27
103	Intan Daya 88	81	4	4	3	0,93
104	Armada Sejati	161	4	7	1	3,2
105	Tanto Permai	253	4	12	2	6,65
106	MV. Selat Mas	740	2	15	12	10,22
107	MV. Oriental Emerald	233	2	14	12	5,82
108	MV. Fortune	161	3	15	12	7,52
109	MV. Meratus Pekan Baru	345	2	14	12	8,97
110	MV. Tanto Surya	203	2	10	4	8,49
111	MV. Oriental Gold	220	2	13	12	6,63
112	MV. Meratus Kampar	620	2	14	12	12,00
113	MV. Derya Mas	533	2	15	12	15,12
114	MV. Fortune	171	2	12	12	3,97
115	MV. Oriental Silver	320	2	13	12	8,17
116	MV. Selili Baru	568	2	17	8	15,93
117	MV. Kuala Mas	510	2	15	6	11,80

118	MV. Ifama Mas	237	2	14	12	6,81
119	MV. Tanto Bagus	145	1	9	6	5,78
120	MV. Izumi Mas	165	2	13	6	4,72
121	MV. Hijau Jelita	148	1	9	6	5,95
122	MV. Meratus Palembang	263	2	11	8	7,87
123	MV. Meratus Medan 2	1267	3	15	12	24,43
124	MV. Tanto Selalu	247	1	6	6	13,67
125	MV. Oriental Emerald	215	2	14	12	5,20
126	MV. Bali Sanur	343	2	15	6	9,90
127	MV. Kuala Mas	397	2	14	12	15,01
128	MV. Oriental Gold	171	1	10	5	6,11
129	MV. Selat Mas	797	2	14	8	15,83
130	MV. Derya Mas	487	2	15	4	12,38
131	MV. Pahala	374	2	14	8	10,37
132	MV. Tanto Semangat	235	2	12	6	8,19
133	MV. Oriental Samudra	170	1	7	6	4,95
134	MV. Izumi Mas	468	2	15	6	14,70
135	MV. Ifama Mas	133	1	11	6	3,57
136	MV. Meratus Pangkal Pinang	242	2	14	12	7,10
137	MV. Fortune	258	2	14	8	6,17
138	MV. Hijau Samudra	241	2	10	12	5,52
139	MV. Hijau Sejuk	122	1	6	6	3,81
140	MV. Bali Sanur	180	2	12	12	4,85
141	MV. Bali Ayu	390	2	13	12	8,52
142	MV. Pratiwi Raya	203	2	13	8	8,65
143	MV. Kuala Mas	430	2	14	12	8,34
144	MV. Ifama Mas	232	2	12	8	5,85
145	MV. Oriental Ruby	502	2	15	12	12,10
146	MV. Tanto Damai	159	2	12	8	4,07
147	MV. Selat Mas	722	2	15	12	15,55
148	MV. Derya Mas	302	2	9	6	9,33
149	MV. Kisik Mas	225	2	12	12	3,25
150	MV. Oriental Gold	242	2	14	12	7,98
151	MV. Pahala	291	2	11	12	8,98
152	MV. Izumi Mas	201	2	12	12	5,45
153	MV. Bali Sanur	157	2	12	12	4,85
154	MV. Tanto Permai	119	2	5	5	4,34
155	MV. Tanto Semangat	149	2	12	6	5,13

156	MV. Meratus Ampana	1293	3	16	12	22,67
157	MV. Armada Sejati	158	2	11	6	6,43
158	MV. Kuala Mas	407	2	13	10	6,25
159	MV. Verizon	133	1	8	6	6,54
160	MV. Meratus Medan 1	322	2	1	10	10,01
161	MV. Bali Ayu	361	2	15	8	9,96
162	MV. Oriental Gold	944	3	15	8	20,00
163	MV. Ifama Mas	234	2	14	8	9,03
164	MV. Hijau Segar	115	1	5	5	4,20
165	MV. Meratus Pangkal Pinang	276	2	13	12	4,62
166	MV. Izumi Mas	350	2	15	12	9,70
167	MV. Meratus Medan 2	1187	3	16	15	23,40
168	MV. Derya Mas	541	2	15	8	8,14
169	MV. Oriental Jade	527	2	13	8	12,65
170	MV. Selat Mas	660	2	15	8	20,15
171	MV. Armada Permata	88	2	8	6	2,62
172	MV. Bali Sanur	152	2	13	8	4,09
173	MV. Tanto Senang	175	2	13	4	5,40
174	MV. Kuala Mas	627	2	15	8	17,85
175	MV. Jales Mas	491	2	12	6	12,30
176	MV. Armada Sejati	90	1	5	6	3,82
177	MV. Minas Baru	576	2	15	12	14,83
178	MV. Meratus Palembang	250	2	14	8	7,64
179	MV. Ifama	185	2	15	6	3,90
180	MV. Kanal Mas	695	2	14	6	14,83
181	MV. Meratus Amurang	1212	2	16	12	26,90
182	MV. Oriental Emerald	194	2	12	7	7,70
183	MV. Fortune	189	2	12	8	6,28
184	MV. Izumi Mas	204	2	13	8	5,10
185	MV. Oriental Silver	85	1	11	6	5,93
186	MV. Verizon	315	2	14	12	6,45
187	MV. Muara Mas	543	2	14	12	13,83
188	MV. Akasia	149	2	13	12	4,85
189	MV. Tanto Semangat	138	1	15	6	5,55
190	MV. Meratus Medan 3	1271	3	15	8	24,39

191	MV. Meratus Pangkal Pinang	232	2	13	6	7,79
192	MV. Pahala	315	2	11	6	12,17
193	MV. Luzon	124	1	7	6	5,06
194	MV. Guhi Mas	178	2	12	12	7,37
195	MV. Fortune	105	2	9	10	3,66
196	MV. Oriental Jade	326	1	10	8	15,59
197	MV. Ifama Mas	198	2	11	8	5,82
198	MV. Izumi Mas	184	2	11	12	4,12
199	MV. Bali Sanur	327	2	14	12	7,18
200	MV. Hilir Mas	579	2	15	12	10,13
201	MV. Muara Mas	580	2	15	8	11,22
202	MV. Oriental Diamond	575	3	15	12	10,85
203	MV. Tanto Senang	105	2	11	12	2,82
204	MV. Derya Mas	473	2	15	12	13,05
205	MV. Meratus Palembang	259	2	13	12	6,97
206	MV. Meratus Ampana	1444	3	16	13	30,70
207	MV. Pratiwi Satu	366	2	12	8	10,85
208	MV. Fortune	160	2	14	8	6,48
209	MV. Oriental Silver	154	2	15	8	7,11
210	MV. Oriental Gold	239	2	15	6	6,35
211	MV. Ifama Mas	628	2	15	8	12,45
212	MV. Curug Mas	366	2	11	8	8,94
213	MV. Izumi Mas	222	2	15	12	5,05
214	MV. Verizon	341	2	13	12	9,89
215	MV. Guhi Mas	165	3	16	12	3,65
216	MV. Bali Sanur	333	2	12	12	8,40
217	MV. Dayak Mas	173	2	12	8	3,60

Sumber : hasil olah data survey 2023

Lampiran 4. Output AMOS ver. 24

1. CC RTG – HT

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	10045,602	2	5022,801	139,367	,000 ^b
	Residual	7712,555	214	36,040		
	Total	17758,157	216			

a. Dependent Variable: HT

b. Predictors: (Constant), CC, RTG

2. RTG HT – CC

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	117,657	2	58,829	139,478	,000 ^b
	Residual	90,260	214	,422		
	Total	207,917	216			

a. Dependent Variable: CC

b. Predictors: (Constant), HT, RTG

3. CC HT – RTG

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2,846	2	1,423	,117	,890 ^b
	Residual	2600,435	214	12,152		
	Total	2603,281	216			

a. Dependent Variable: RTG

b. Predictors: (Constant), CC, HT

4. RTG CC -ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1913,821	2	956,911	49,703	,000 ^b
	Residual	4120,058	214	19,253		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), RTG, CC

5. RTG HT – ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1890,824	2	945,412	48,833	,000 ^b
	Residual	4143,054	214	19,360		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), HT, RTG

6. CC HT – ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	218,386	2	109,193	4,018	,019 ^b
	Residual	5815,493	214	27,175		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), CC, HT

7. CC RTG HT – ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1935,306	3	645,102	33,526	,000 ^b
	Residual	4098,572	213	19,242		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), RTG, HT, CC

8. BM CC RTG – ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5186,757	3	1728,919	434,719	,000 ^b
	Residual	847,121	213	3,977		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), BM, CC, RTG

9. BM CC HT – ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5186,757	3	1728,919	434,719	,000 ^b
	Residual	847,121	213	3,977		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), BM, CC, RTG

10. BM RTG HT – ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5186,757	3	1728,919	434,719	,000 ^b
	Residual	847,121	213	3,977		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), BM, CC, RTG

11. BM CC HT RTG - ET

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5187,848	4	1296,962	324,995	,000 ^b
	Residual	846,031	212	3,991		
	Total	6033,879	216			

a. Dependent Variable: ET

b. Predictors: (Constant), CC, RTG, BM, HT