

# LAMPIRAN III: TANK CONDITION



## PT MERATUS TONGKANG SERVICE

### TANK CONDITION

#### MV.MARINA STAR 3

Voyage : 84/JKT - AMA/2016

Departure Port : Surabaya

Departure Date : 12/8/2015

Ballast Tank	Full Condition		Actual Condition		% Full	V.Mom (M.Ton)	Fs Corr	LCG (M)	L Moment (M.Ton)
	Weight	VCG	Weight	VCG					
Fore Peak Tank	349.70	5.80	0.00	0.00	0.00	0	0	134.79	0.00
No 1 DBT ©	161.80	0.83	155.00	0.83	95.80	127.88	1096.62	119.72	18556.60
No 2 DBT (P)	170.80	0.79	10.00	0.05	5.85	0.50	53.46	105.31	1053.10
No 2 DBT (S)	170.80	0.79	10.00	0.05	5.85	0.50	53.46	105.31	1053.10
No 3 DBT (P)	282.70	0.78	10.00	0.00	3.54	0.00	0.00	87.16	871.60
No 3 DBT (S)	282.70	0.78	10.00	0.00	3.54	0.00	0.00	87.16	871.60
No 4 DBT (P)	299.10	0.78	10.00	0.00	3.34	0.00	0.00	65.19	651.90
No 4 DBT (S)	301.70	0.78	10.00	0.00	3.31	0.00	0.00	65.11	651.10
No 5 DBT (P)	144.30	0.79	10.00	0.05	6.93	0.5	30.40	46.46	464.60
No 5 DBT (S)	144.30	0.79	10.00	0.05	6.93	0.5	30.40	46.46	464.60
No 6 DBT (P)	86.50	0.82	10.00	0.10	11.56	1	23.72	32.25	322.50
No 6 DBT (S)	86.50	0.82	10.00	0.10	11.56	1	23.72	32.25	322.50
No 1 SBT (P)	169.40	4.86	10.00	0.32	5.90	3.20	1.54	119.52	1195.20
No 1 SBT (S)	169.40	4.86	10.00	0.32	5.90	3.20	1.54	119.52	1195.20
No 2 SBT (P)	194.20	4.46	10.00	0.28	5.15	2.80	1.66	104.85	1048.50
No 2 SBT (S)	194.20	4.46	10.00	0.28	5.15	2.80	1.66	104.85	1048.50
Heeling T (P)	421.90	4.62	30.00	0.28	7.11	8.40	3.36	65.07	1952.10
Heeling T (S)	421.90	4.62	30.00	0.28	7.11	8.40	3.36	65.07	1952.10
No 3 SBT (P)	306.85	4.71	30.00	0.45	9.78	13.5	3.96	45.80	1374.00
No 3 SBT (S)	306.85	4.71	30.00	0.45	9.78	13.5	3.96	45.80	1374.00
Aft Peak Tank	119.90	7.44	50.00	5.95	41.70	297.5	710.50	2.86	143.00
TOTAL BW	4785.50		465.00			485.18	2043.32		36565.80
FW Tank (P)	109.20	5.27	110.00	5.27	100.73	579.7	16.00	31.49	3463.90
FW Tank (S)	109.20	5.27	110.00	5.27	100.73	579.7	16.00	31.49	3463.90
TOTAL FW	218.40		220.00			1159.40	32.00		6927.80
No 1Side Tank (P)	204.70	0.75	204.00	0.747	99.66	152.388	25.34	92.46	18861.84
No 1Side Tank (S)	204.70	0.75	204.00	0.747	99.66	152.388	25.34	92.46	18861.84
No 2Side Tank (P)	199.00	4.68	199.00	4.68	100.00	931.32	26.00	81.40	16198.60
No 2Side Tank (S)	199.00	4.68	199.00	4.68	100.00	931.32	26.00	81.40	16198.60
Settl Tank (P)	26.40	8.10	10.00	3.05	37.88	30.46	1.44	22.40	224.00
Settl Tank (S)	25.60	8.49	10.00	3.18	39.06	31.806	1.44	19.90	199.00
Service Tank	30.00	8.90	10.00	2.79	33.33	27.86	2.20	21.05	210.50
TOTAL FO	889.40		836.00			2257.54	107.75		70754.38
DB Tank (P)	102.90	0.75	100.00	0.75	97.18	74.5	33.00	39.15	3915.00
DB Tank(S)	102.90	0.75	100.00	0.75	97.18	74.5	33.00	39.15	3915.00
DB Tank	36.20	0.90	0.00	0.00	0.00	0	0.00	22.05	0.00
Settl Tank ( P )	24.70	9.75	5.00	1.80	20.24	9	1.68	7.74	38.70
Settl Tank ( S )	24.70	9.75	6.00	1.80	24.29	10.80	1.68	7.74	46.44
Service Tank (P/S)	12.40	10.05	2.97	1.89	23.93	5.601696	0.19	9.69	28.75
TOTAL DO	303.80		213.97			174.40	69.55		7943.89
Total Fuel	1193.20		1049.97						78698.27
LO Tank	32.70	4.08	30.00	3.63	91.74	108.75	14.85	9.50	285.00
Grand Total	6229.80		1764.97				2267.48		122476.87