

TYPICAL SECTION

## PROFIL

## 2ND DECK

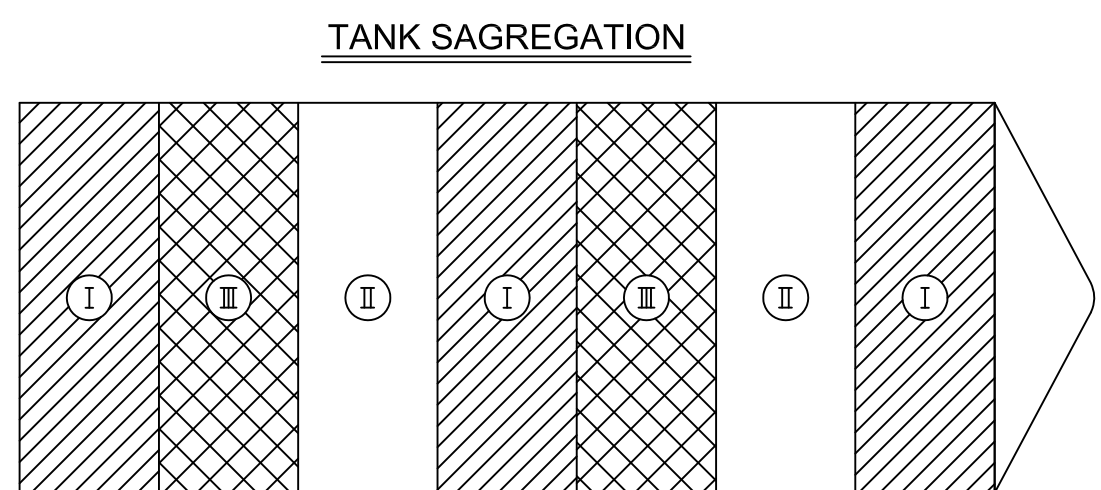
## TANK TOP

### 3RD DECK

4TH DECK

CARGO OIL TANKS									
COMPARTMENT	LOCATION (FRAME)	CAPACITY(M <sup>3</sup> )		WEIGHT (TON)	L.C.G. FROM MID (M)	T.C.G. FROM CL.M (M)	V.C.G. FROM B.L.M (M)	LT (MM)	
		100% FULL	98% FULL						
NO.1 C.O.T (S)	93 - 100	8539.8	8380.0	-	91.978	7.657	12.469	10420	
NO.1 C.O.T (P)	93 - 100	8549.2	8390.2	-	91.978	7.657	12.469	10420	
NO.2 C.O.T (S)	86 - 93	11026.8	10766.2	-	63.911	6.925	12.320	10430	
NO.2 C.O.T (P)	86 - 93	11018.8	10758.6	-	63.911	6.926	12.320	10437	
NO.3 C.O.T (S)	79 - 86	10467.7	10265.6	-	34.334	9.548	12.318	18475	
NO.3 C.O.T (P)	79 - 86	10223.3	10081.9	-	34.334	9.549	12.318	18435	
NO.4 C.O.T (S)	72 - 79	10400.5	10198.7	-	4.724	9.548	12.318	16526	
NO.4 C.O.T (P)	72 - 79	10999.7	10777.7	-	4.724	9.549	12.318	16594	
NO.5 C.O.T (S)	65 - 72	11041.9	10821.1	-	-24.886	9.548	12.318	15946	
NO.5 C.O.T (P)	65 - 72	11020.0	10769.6	-	-24.886	9.549	12.318	15931	
NO.6 C.O.T (S)	58 - 65	10543.6	10332.7	-	-54.112	9.237	12.613	14411	
NO.6 C.O.T (P)	58 - 65	10541.6	10330.6	-	-54.112	9.238	12.613	14438	
SLOP TANK (S)	56 - 58	1645.0	1612.1	-	-71.969	8.331	13.466	3326	
SLOP TANK (P)	56 - 58	1645.0	1612.1	-	-71.969	8.331	13.466	3326	
TOTAL		126658.6	127027.5	-					

SEGREGATION OF CARGO OIL TANKS			
SEGREGATION	DETAIL OF SEGREGATED CARGO OIL TANKS	CAPACITY	
		100% FULL(M3)	RATE(%)
GROUP 1	NO.1,4 C.O.T (P&S), SLOP TANK (P&S)	42417.2	32.7
GROUP 2	NO.2,5 C.O.T (P&S)	44094.3	34.0
GROUP 3	NO.3,6 C.O.T (P&S)	43154.2	33.3



WATER BALLAST TANKS							S.G. = 1.025	
COMPARTMENT	LOCATION (FRAME)	CAPACITY(M <sup>3</sup> )		WEIGHT (TON)	L.C.G. FROM A.P.T.C. (M)	T.C.G. FROM C.L.W. (M)	V.C.G. FROM C.L.W. (M)	LT. (MT)
		100% FULL	85% FULL					
F.P.T. (CWB)	100 - F.E	11993.7	-	1226.3	113.767	10.897	4.001	8751
N0.1 W.B.T. (S)	93 - 100	3252.7	-	329.9	93.713	3.099	8.213	14583
93 - 100	3252.7	-	329.9	93.713	-1.693	8.213	14583	
N0.2 W.B.T. (S)	86 - 93	2997.2	-	307.1	63.960	15.593	6.124	26726
86 - 93	2997.2	-	307.1	63.960	-15.593	6.124	26726	
N0.3 W.B.T. (S)	79 - 86	3039.9	-	311.9	34.340	15.696	6.025	25748
79 - 86	3039.9	-	311.9	34.340	-15.693	6.025	25748	
N0.4 W.B.T. (S)	72 - 79	3039.9	-	311.9	4.730	15.696	6.025	25748
72 - 79	3039.9	-	311.9	4.730	-15.693	6.025	25748	
N0.5 W.B.T. (S)	65 - 72	3016.2	-	3063.6	-24.808	15.659	6.061	25214
65 - 72	3016.2	-	3063.6	-24.808	-15.659	6.061	25214	
N0.6 W.B.T. (S)	59 - 65	2470.0	-	2531.9	-52.492	15.126	5.581	15301
59 - 65	2470.0	-	2531.9	-52.492	-15.126	5.581	15301	
N0.7 W.B.T. (S)	49 - 59	1300.2	-	1332.7	-71.598	15.105	8.605	2142
49 - 59	1300.2	-	1332.7	-71.598	-15.101	8.605	2142	
A.P.T. (CWB)	A.E - 15	1294.1	-	1234.2	-115.611	-0.333	14.011	14894
TOTAL		40699.7	-	47177.2				

FRESH WATER TANKS								S.G = 1,000
COMPARTMENT	LOCATION (FRAME)	CAPACITY (M3)		WEIGHT (TON)	L.C.G FROM	T.C.G FROM	V.C.G FROM	LT (M)
		100% FULL	98% FULL		L.C.G	T.C.G	V.C.G	
F.W.T (S) (POTABLE W.T)	7 - 13	207.9 -	-	207.9	-11,514	10,317	19,044	190
F.W.T (P) (POTABLE W.T)	7 - 13	163.6 -	-	163.6	-11,386	-11,145	19,024	96
DIST.W.T (P)	7 - 13	44.3 -	-	44.3	-111,550	-7,261	19,116	2
<b>TOTAL</b>		<b>415.8</b>		<b>415.8</b>				

HEAVY FUEL OIL TANKS							S.G = 0.980	
COMPARTMENT	LOCATION (FRAME)	CAPACITY(M3)		WEIGHT (TON)	L.C.G FROM C.L.(M)	T.C.G FROM C.L.(M)	V.C.G FROM B.L.(M)	LT (M4)
		100% FULL	98% FULL					
NO.1 H.F.O.T.(S)	49 - 56	717.7	705.3	691.2	-77.221	12.629	15.209	1039
NO.1 H.F.O.T.(P)	49 - 56	876.8	858.3	841.1	-77.491	-12.115	15.279	1039
NO.2 H.F.O.T.(P)	22 - 49	901.9	883.9	866.2	-88.985	-15.328	17.063	294
NO.3 H.F.O.T.(P)	49 - 53	490.8	480.0	470.0	-78.525	7.559	19.807	4
NO.1 H.F.O.SET.T.	49 - 53	490.8	480.0	470.0	-78.525	11.809	19.807	4
TOTAL		2595.3	2543.3	2492.5				

LOW SULFUR HEAVY FUEL OIL TANKS							S.G. = 0.980	
COMPARTMENT	LOCATION (FRAME)	CAPACITY(M3)		WEIGHT (TON)	L.C.G. FROM C.L.M.	T.C.G. FROM C.L.M.	V.C.G. FROM B.L.M.	LT (M3)
		100% FILL	58% FILL					
FLEXIBLE (T5)	42 - 48	286.4	280.6	275.0	-43.472	15.849	16.657	111
NO.2 H.F.O.SERV.T	49 - 52	31.0	30.4	29.8	-79.115	8.877	15.611	
NO.2 H.F.O.SETT.T	49 - 52	31.0	30.4	29.8	-79.115	10.491	15.611	1
TOTAL		348.4	341.4	334.6				

MARINE GAS OIL TANKS							S.G. = 0.850	
COMPARTMENT	LOCATION (FRAME)	CAPACITY(M3)		WEIGHT (TON)	L.C.G. FROM MD (MM)	T.C.G. FROM CL (MM)	V.C.G. FROM B.L (MM)	LT (MT)
		100% FULL	98% FULL					
M.G.O.STOR.T (S)	26 - 41	452.0	443.0	376.5	-91.911	15,090	17,232	110
M.G.O.SERV.T	22 - 26	66.5	65.2	55.4	-100.216	14,247	17,860	6
TOTAL	1	518.5	508.1	431.9				

LUBRICATION OIL TANKS							S.O = 9.00		
COMPART	LOCATION (FRAME)	CAPACITY(M3)		WEIGHT (TON)	L.C.G FROM MEZ.	T.C.G FROM MEZ.	V.C.G FROM MEZ. (MM)	LIT (MM)	
		100% FULL	90% FULL						
M/E LO.SUMP (IC)	25	36	31.6	31.0	-27.39	-65.365	0.007	1.362	21
M/E LO.STOR.T	45	4	40.4	36.6	35.6	-81.835	-2.188	13.883	6
M/E LO.SETT.T	45	4	40.4	39.9	29.7	-81.900	-0.045	13.800	6
NO.1 ME CYLO.STOR.T	45	4	30.4	25.8	26.8	-81.900	2.217	13.800	2
NO.2 ME CYLO.STOR.T	45	4	30.3	29.7	26.7	-81.900	2.200	13.800	2
GE LO.STOR.T	38	41	17.1	16.9	15.1	-47.890	8.674	17.700	3
GE LO.SETT.T	38	41	17.1	6.9	6.2	-102.684	-18.176	0	0
TRF.SUMP.1	20	20	3.5	3.4	3.4	-102.684	-1.000	2.500	2
TRF.SUMP.2	45	4	4.6	2.2	2.2	-83.100	-2.835	12.275	0
TURBINE O.STOR.T									
TOTAL			196.1	192.2	173.0				

OTHER TANKS							
COMPARTMENT	LOCATION (FRAME)	CAPACITY(M <sup>3</sup> )		WEIGHT (TON)	L.C.G FROM B.L	T.C.G FROM B.L	LT (MM)
		100% FULL	90% FULL				
C.W.T (C)	AE - 15	44.1	-	-109.479	0.000	3.356	7
CLEAN DRAIN T	15 - 24	46.4	-	-103.106	-0.083	1.374	36
BLEB HOLDING T	27 - 41	41.9	-	-90.572	3.993	1.684	37
F.OVERFL	41 - 44	17.5	-	-85.544	2.112	1.684	22
W.H. ON T	44 - 47	17.5	-	-85.547	2.250	1.683	22
SEWAGE COLLECT	16 - 20	54.3	-	-101.212	-6.007	8.961	100
SLUDGE T	37 - 47	18.6	-	-85.910	3.999	1.001	9
GRAY WATER H.T	27 - 41	41.9	-	-90.572	3.993	1.684	37

[illegible]