

CARGO OIL		SPECIFIC GRAVITY= 0.89 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
NO. 1 WING CARGO OIL TANK (PS)	N1 WCO TK-P	TQ-1338501P	89	96	23044	0.99	21824	19423	306.023	18.434	17.052	15751	76964		
NO. 1 WING CARGO OIL TANK (SB)	N1 WCO TK-S	TQ-1338501S	89	96	23044	0.99	21824	19423	306.023	18.434	17.052	15751	76964		
NO. 2 WING CARGO OIL TANK (PS)	N2 WCO TK-P	TQ-1338502P	82	89	22045	0.99	21824	19423	268.200	18.433	17.045	15751	76964		
NO. 2 WING CARGO OIL TANK (SB)	N2 WCO TK-S	TQ-1338502S	82	89	22045	0.99	21824	19423	268.200	18.433	17.045	15751	76964		
NO. 3 WING CARGO OIL TANK (PS)	N3 WCO TK-P	TQ-1338503P	74	82	25193	0.99	24941	22198	227.700	18.433	17.045	18001	134886		
NO. 3 WING CARGO OIL TANK (SB)	N3 WCO TK-S	TQ-1338503S	74	82	25193	0.99	24941	22198	227.700	18.433	17.045	18001	134886		
NO. 4 WING CARGO OIL TANK (PS)	N4 WCO TK-P	TQ-1338504P	66	74	25193	0.99	24941	22198	184.502	18.434	17.052	18001	134886		
NO. 4 WING CARGO OIL TANK (SB)	N4 WCO TK-S	TQ-1338504S	66	74	25193	0.99	24941	22198	184.502	18.434	17.052	18001	134886		
NO. 5 WING CARGO OIL TANK (PS)	N5 WCO TK-P	TQ-1338505P	58	66	25183	0.99	24931	22189	141.298	18.433	17.052	18001	134886		
NO. 5 WING CARGO OIL TANK (SB)	N5 WCO TK-S	TQ-1338505S	58	66	25183	0.99	24931	22189	141.298	18.433	17.052	18001	134886		
NO. 6 WING CARGO OIL TANK (PS)	N6 WCO TK-P	TQ-1338506P	51	58	22044	0.99	21824	19423	100.800	18.433	17.045	15751	76964		
NO. 6 WING CARGO OIL TANK (SB)	N6 WCO TK-S	TQ-1338506S	51	58	22044	0.99	21824	19423	100.800	18.433	17.045	15751	76964		
NO. 7 WING CARGO OIL TANK (PS)	N7 WCO TK-P	TQ-1338507P	48	51	9447	0.99	9353	8324	73.801	18.433	17.052	6750	6058		
NO. 7 WING CARGO OIL TANK (SB)	N7 WCO TK-S	TQ-1338507S	48	51	9447	0.99	9353	8324	73.801	18.433	17.052	6750	6058		
NO. 1 CENTRAL CARGO OIL TANK	N1 CCO TK	TQ-1338501C	89	96	25671	0.99	25415	22619	306.000	0.000	17.150	24824	89567		
NO. 2 CENTRAL CARGO OIL TANK	N2 CCO TK	TQ-1338502C	85	89	34669	0.99	34523	29252	276.300	0.000	17.150	14185	16712		
NO. 6 CENTRAL CARGO OIL TANK	N6 CCO TK	TQ-1338506C	51	58	25671	0.99	25415	22619	306.000	0.000	17.150	24824	89567		
NO. 7 CENTRAL CARGO OIL TANK	N7 CCO TK	TQ-1338507C	45	51	22004	0.99	21784	19388	65.700	0.000	17.150	23278	56404		
TOTAL					390316		386413	343907							

SLOP		SPECIFIC GRAVITY= 1.000 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
DIRTY SLOP TANK	DIRTY SLP TK-P	TQ-5336506P	45	48	9066	0.99	8975	8885	57.600	18.434	17.052	6750	6058		
CLEAN SLOP TANK	CLEAN SLP TK-S	TQ-5336506S	45	48	9066	0.99	8975	7908	57.600	18.434	17.052	6750	6058		
TOTAL					18131		17950	16793							

SEA CHEST		SPECIFIC GRAVITY= 1.000 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
ENGINE ROOM SEA CHEST (PS)	SEA CHEST	2-511502P	40	42	12.312	1	12.312	-	39.6	17.1	1.9	-	-		
ENGINE ROOM SEA CHEST (SB)	SEA CHEST	2-511502S	40	42	12.312	1	12.312	-	39.6	17.1	1.9	-	-		
SEA CHEST (PS)	SEA CHEST	2-533509P	45	46	12.312	1	12.312	-	34	17.9	1.9	-	-		
SEA CHEST (SB)	SEA CHEST	2-533509S	45	46	12.312	1	12.312	-	34	17.9	1.9	-	-		
TOTAL					49.248		49.248								

FRESH WATER		SPECIFIC GRAVITY= 1.000 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
NO. 1 DISTILLED WATER STORAGE TANK (PS)	DIST W TK-P	TQ-5115501P	0	12	629	0.95	598	568	5.749	23.390	29.756	336	756		
NO. 2 FRESH WATER STORAGE TANK (SB)	FRESH W TK-S	TQ-5115502S	0	12	1778	0.95	1689	1605	5.743	-17.150	29.873	7093	2089		
NO. 1 FRESH WATER STORAGE TANK (PS)	FRESH W TK-P	TQ-5115502P	0	12	1778	0.95	1689	1605	5.743	9.850	29.873	7093	2089		
NO. 2 DISTILLED WATER STORAGE TANK (SB)	DIST W TK-S	TQ-5115501S	0	12	629	0.95	598	568	5.749	-3.610	29.756	336	756		
TOTAL					4814		4573	4345							

PRODUCED WATER		SPECIFIC GRAVITY= 1.152 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
PRODUCED WATER TANK (A)	PW TK-A	TQ-5331301A	66	70	14669	0.99	14523	16730	173.700	0.000	17.150	14185	16712		
PRODUCED WATER TANK (B)	PW TK-B	TQ-5331301B	74	78	14669	0.99	14523	16730	216.900	0.000	17.150	14185	16712		
PRODUCED WATER TANK (C)	PW TK-C	TQ-5331301C	82	85	11002	0.99	10892	12548	257.400	0.000	17.150	10639	7050		
TOTAL					40341		39938	46008							

VOID SPACE		SPECIFIC GRAVITY= 0.892 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
AFT VOID	AFT VOID	TQ-1338510C	7	33	3225	0.95	3064	-	18.468	0.087	12.545	-	-		
DOUBLE BOTTOM VOID	DOUBLE BOTTOM	TQ-5300509	33	42	2222	0.95	1161	-	33.491	-1.283	1.651	-	-		

MACHINERY ROOM		SPECIFIC GRAVITY= 1.000 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
ENGINE ROOM	ENGINE ROOM	-	12	42	27624	0.95	26242	-	27.050	0.000	23.160	-	-		
FORE CASTLE	FORE CASTLE	-	96	100	6817	0.95	6476	-	334.310	-0.873	37.189	-	-		

SETTLING TANK		SPECIFIC GRAVITY= 0.892 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
SETTLING TANK (A)	SETTLING TK-A	TQ-1223501A	78	82	34077	0.99	33936	12431	238.5	0	17.15	10639	7050		
SETTLING TANK (B)	SETTLING TK-B	TQ-1223501B	70	74	34077	0.99	33936	12431	195.3	0	17.15	14185	16712		
SETTLING TANK (C)	SETTLING TK-C	TQ-1223501C	58	62	34077	0.99	33936	12431	130.5	0	17.15	14185	16712		
TOTAL					42230		41808								

WATER BALLAST		SPECIFIC GRAVITY= 1.025 t/m ³													
ITEM	ABBREVIATION	TAG	FRAME No.		VOLUME (m ³)			WEIGHT (t)			CENTER OF GRAVITY (m)			INERTIA (m ⁴)	
			Initial	Final	Moulded	Perm.	Actual	LCG	TCG	VCG	Transversal	Longitudinal			
FORWARD PEAK TANK (OS)	FORW PEAK	TQ-5335510P	96	100	17817	0.99	17663	18104	333.577	15.479	19.227	50300	19900		
FORWARD PEAK TANK (SB)	FORW PEAK	TQ-5335510S	96	100	17817	0.99	17669	18100	333.577	15.478	19.227	50300	19900		
NO. 1 WATER BALLAST TANK (OS)	N1 WB TK-P	TQ-5335501P	82	89	6843	0.99	6774	6944	306.000	19.678	17.094	496	24305		
NO. 1 WATER BALLAST TANK (SB)	N1 WB TK-S	TQ-5335501S	82	89	6843	0.99	6774	6944	306.000	19.678	17.094	496	24305		
NO. 2 WATER BALLAST TANK (OS)	N2 WB TK-P	TQ-5335502P	82	89	6843	0.99	6774	6944	268.200	19.678	17.094	496	24305		
NO. 2 WATER BALLAST TANK (SB)	N2 WB TK-S	TQ-5335502S	82	89	6843	0.99	6774	6944	268.200	19.678	17.094	496	24305		
NO. 3 WATER BALLAST TANK (OS)	N3 WB TK-P	TQ-5335503P	74	82	7815	0.99	7737	7931	227.703	19.676	17.096	567	36280		
NO. 3 WATER BALLAST TANK (SB)	N3 WB TK-S	TQ-5335503S	74	82	7815	0.99	7737	7931	227.703	19.676	17.096	567	36280		
NO. 4 WATER BALLAST TANK (OS)	N4 WB TK-P	TQ-5335504P	66	74	7815	0.99	7737	7931	184.497	19.676	17.095	567	36280		
NO. 4 WATER BALLAST TANK (SB)	N4 WB TK-S	TQ-5335504S	66	74	7815	0.99	7737	7931	184.497	19.676	17.095	567	36280		
NO. 5 WATER BALLAST TANK (OS)	N5 WB TK-P	TQ-5335505P	58	66	7820	0.99	7742	7936	141.300	19.678	17.094	567	36280		
NO. 5 WATER BALLAST TANK (SB)	N5 WB TK-S	TQ-5335505S	58	66	7820	0.99	7742	7936	141.300	19.678	17.094	567	36280		
NO. 6 WATER BALLAST TANK (OS)	N6 WB TK-P	TQ-5335506P	51	58	6843	0.99	6774	6944	100.800	19.678	17.094	496	24305		
NO. 6 WATER BALLAST TANK (SB)	N6 WB TK-S	TQ-5335506S	51	58	6843	0.99	6774	6944	100.800	19.678	17.094	496	24305		
NO. 7 WATER BALLAST TANK (OS)	N7 WB TK-P	TQ-5335507P	44	51	6517	0.99	6452	6613	6						