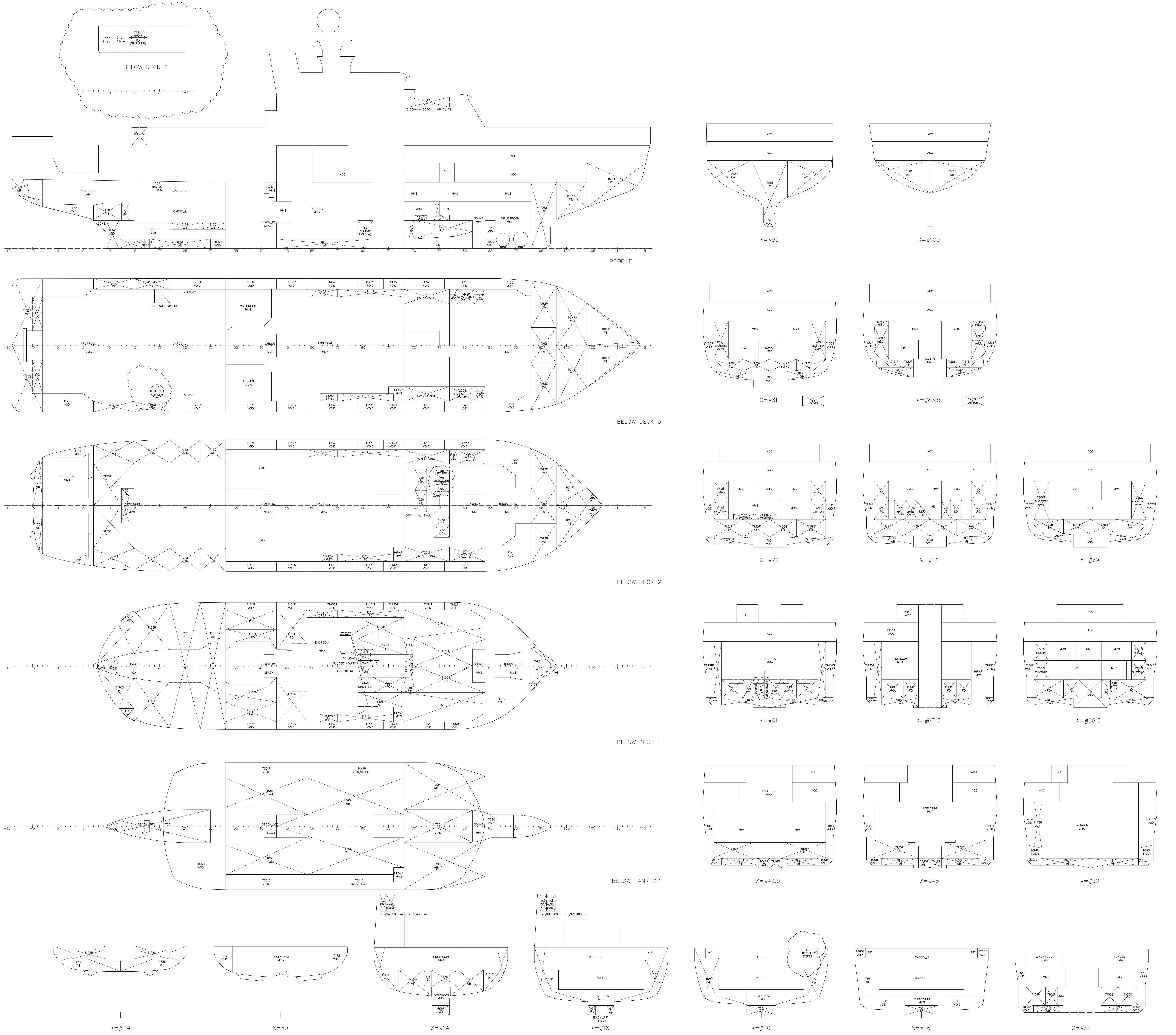

CAPACITY OF VOID (RHO=1.025)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
008	14400	T020	T020	VOID	Void	30.5	71.620	0.000	0.660	28
010	14400	T031	T031	VOID	Void	110.0	59.870	0.000	1.080	127
013	14400	T041P	T041P	VOID/BILGE	Void	36.6	46.800	8.670	1.040	17
014	14400	T041S	T041S	VOID/BILGE	Void	34.4	46.360	−8.700	1.040	16
017	12900	T051P	T051P	VOID	Void	30.8	32.800	8.670	1.040	15
018	11400	T051S	T051S	VOID	Void	30.8	32.800	−8.670	1.040	15
021	12900	T060	T060	VOID	Void	281.5	22.470	0.000	1.790	5381
091	12900	T120	T120	VOID	Void	342.3	70.430	0.080	5.840	3858
009	14400	T132P	T132P	VOID	Void	76.5	63.980	9.340	6.560	8
023	14400	T132S	T132S	VOID	Void	76.5	63.980	−9.340	6.560	8
024	14400	T134P	T134P	VOID	Void	78.8	57.590	9.520	6.390	3
029	14400	T134S	T134S	VOID	Void	78.8	57.590	−9.520	6.390	3
096	14400	T1430P	T1430P	VOID	Void	39.6	52.800	9.520	6.370	1
097	14400	T1430S	T1430S	VOID	Void	39.6	52.800	−9.520	6.370	1
030	14400	T1431P	T1431P	VOID	Void	49.5	49.200	9.520	6.370	2
033	14400	T1431S	T1431S	VOID	Void	49.5	49.200	−9.520	6.370	2
034	14400	T1432P	T1432P	VOID	Void	97.3	43.270	9.520	6.440	3
041	14400	T1432S	T1432S	VOID	Void	97.3	43.270	−9.520	6.440	3
042	14400	T151P	T151P	VOID	Void	59.4	36.800	9.520	6.370	2
045	12900	T151S	T151S	VOID	Void	59.4	36.800	−9.520	6.370	2
046	11400	T154P	T154P	VOID	Void	99.1	30.400	9.520	6.370	3
049	11400	T154S	T154S	VOID	Void	99.1	30.400	−9.520	6.370	3
050	11400	T162	T162	VOID	Void	10.7	8.460	0.000	3.290	3
067	14400	T172	T172	VOID	Void	199.7	2.120	0.000	8.220	3710
073	12900	T260P	T260P	VOID	Void	21.9	21.930	9.650	9.730	4
074	12900	T260S	T260S	VOID	Void	21.9	21.930	−9.650	9.730	4
		SUBTOTAL				2151.5				

CAPACITY OF FUEL OIL (RHO=0.86)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
027	12400*	T130P	T130P	FUEL OIL	Fuel Oil	108.4	60.980	2.100	3.170	69
028	12400*	T130S	T130S	FUEL OIL	Fuel Oil	108.4	60.980	−2.100	3.170	69
025	12400*	T131P	T131P	FUEL OIL	Fuel Oil	130.6	59.770	6.390	3.140	98
026	12400*	T131S	T131S	FUEL OIL	Fuel Oil	130.6	59.770	−6.390	3.140	98
031	12400	T133	T133	FUEL OIL OVERFLOW	Fuel Oil	27.7	55.320	0.310	2.890	76
037	12400*	T140P	T140P	FUEL OIL	Fuel Oil	65.6	50.930	5.930	2.880	24
038	12400*	T140S	T140S	FUEL OIL	Fuel Oil	60.6	50.700	−5.840	2.870	21
035	12400*	T141P	T141P	FUEL OIL	Fuel Oil	108.3	49.200	8.200	5.970	1
036	12400*	T141S	T141S	FUEL OIL	Fuel Oil	91.6	48.400	−8.200	5.970	1
039	12400*	T144P	T144P	FUEL OIL	Fuel Oil	43.5	51.100	3.100	2.950	7
040	12400*	T144S	T144S	FUEL OIL	Fuel Oil	32.6	52.000	−3.000	2.950	5
047	12400*	T150P	T150P	FUEL OIL	Fuel Oil	82.6	36.920	5.510	2.830	124
048	12400*	T150S	T150S	FUEL OIL	Fuel Oil	84.3	36.870	−5.430	2.810	137
053	12400*	T152P	T152P	FUEL OIL	Fuel Oil	38.1	30.650	4.700	2.730	6
054	12400*	T152S	T152S	FUEL OIL	Fuel Oil	56.9	30.820	−4.170	2.720	22
051	12400*	T153P	T153P	FUEL OIL	Fuel Oil	60.3	30.400	7.240	2.760	20
052	12400*	T153S	T153S	FUEL OIL	Fuel Oil	60.3	30.400	−7.240	2.760	20
065	12400*	T231P	T231P	FUEL OIL SETTL.	Fuel Oil	48.7	58.000	7.650	5.900	7
066	12400*	T231S	T231S	FUEL OIL SETTL.	Fuel Oil	48.7	58.000	−7.650	5.900	7
071	12400*	T331P	T331P	FUEL OIL DTK	Fuel Oil	48.7	58.000	7.650	8.900	7
072	12400*	T331S	T331S	FUEL OIL DTK	Fuel Oil	48.7	58.000	−7.650	8.900	7
	–	T51	T51	Arctic diesel em.gen	Fuel Oil	8.5	12.850	7.900	17.650	5
	–	T52	T52	DMA em.gen	Fuel Oil	6.1	12.850	9.100	17.650	3
		SUBTOTAL				1484.4				

CAPACITY OF WATER BALLAST (RHO=1.025)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
001	18700	T010P	T010P	WATER BALLAST	Water Ballast	167.1	86.230	2.410	11.160	180
002	18700	T010S	T010S	WATER BALLAST	Water Ballast	167.1	86.230	−2.410	11.160	180
003	18700	T011P	T011P	WATER BALLAST	Water Ballast	121.0	80.500	3.170	8.510	225
004	18700	T011S	T011S	WATER BALLAST	Water Ballast	121.0	80.500	−3.170	8.510	225
011	15900	T030P	T030P	WATER BALLAST	Water Ballast	91.5	60.320	5.720	1.350	307
012	15900	T030S	T030S	WATER BALLAST	Water Ballast	91.5	60.320	−5.720	1.350	307
015	15900	T040P	T040P	WATER BALLAST	Water Ballast	140.0	45.420	3.520	0.870	556
016	15900	T040S	T040S	WATER BALLAST	Water Ballast	138.1	45.310	−3.470	0.870	537
019	15900	T050P	T050P	WATER BALLAST	Water Ballast	74.4	33.240	4.870	0.930	165
020	11400	T050S	T050S	WATER BALLAST	Water Ballast	74.4	33.240	−4.870	0.930	165
022	12900	T061	T061	WATER BALLAST	Water Ballast	93.0	17.450	0.000	0.750	113
055	14400	T160	T160	ROLL REDUCTION TANK FWD	Water Ballast	214.8	24.400	0.000	5.440	2645
056	14400	T161	T161	ROLL REDUCTION TANK AFT	Water Ballast	256.3	20.010	0.000	5.460	3075
061	12900	T170P	T170P	WATER BALLAST	Water Ballast	110.3	8.830	3.560	5.540	132
062	11400	T170S	T170S	WATER BALLAST	Water Ballast	110.3	8.830	−3.560	5.540	132
059	12900	T171P	T171P	WATER BALLAST	Water Ballast	67.8	9.120	8.780	7.560	17
060	11400	T171S	T171S	WATER BALLAST	Water Ballast	67.8	9.120	−8.780	7.560	17
069	14400	T173P	T173P	WATER BALLAST	Water Ballast	114.9	−4.710	5.340	9.210	315
070	14400	T173S	T173S	WATER BALLAST	Water Ballast	114.9	−4.710	−5.340	9.210	315
		SUBTOTAL				2336.2				

CAPACITY OF MISC TANKS (RHO=1)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
098	2500	T135	T135	Used sea water samples	Misc tanks	2.4	55.200	−3.700	3.650	0
043	12900	T142P	T142P	UREA	Misc tanks	48.4	41.670	8.200	6.090	1
044	12900	T142S	T142S	UREA	Misc tanks	29.1	42.600	−8.200	5.970	0
079	15900	T145	T145	CW DRAIN	Misc tanks	4.7	48.460	2.200	2.770	0
080	12900	T146	T146	FO LEAK	Misc tanks	5.6	48.460	1.320	2.770	0
081	15900	T147	T147	SLUDGE HOLDING	Misc tanks	5.8	48.400	0.420	2.950	0
082	15900	T148	T148	BILGE HOLDING	Misc tanks	11.4	48.430	−0.870	2.860	1
083	12900	T149	T149	DIRTY LO	Misc tanks	15.6	48.420	−3.040	2.890	3
	–	T228P	T228P	Food waste storage	Misc tanks	2.9	66.400	7.650	10.000	2
	–	T228S	T228S	Food waste storage	Misc tanks	2.9	66.400	−7.650	10.000	2
	11600	T229P	T229P	Sludge sewage unit	Misc tanks	16.2	62.200	7.650	7.400	1
063	30700	T230P	T230P	BLACK WATER	Misc tanks	55.9	64.910	7.640	7.300	4
064	30700	T230S	T230S	BLACK WATER	Misc tanks	72.3	64.300	−7.640	7.320	6
084	15900*	T233	T233	BILGE SETTLING	Misc tanks	12.7	60.400	4.700	5.900	1
085	15900*	T234	T234	SLUDGE SETTLING	Misc tanks	12.6	60.400	2.900	5.890	1
089	15900*	T238	T238	SEPARATOR TANK	Misc tanks	4.9	57.080	4.030	4.800	6
090	15900*	T239	T239	SEPARATOR TANK	Misc tanks	4.9	57.080	0.680	4.800	6
		SUBTOTAL				308.1				

CAPACITY OF LUBE OIL (RHO=0.9)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
077	15900	T174P	T174P	LUBE OIL LOWER GEAR PS	Lube Oil	11.6	−3.200	4.950	9.540	20
078	15900	T174S	T174S	LUBE OILLOWER GEAR SB	Lube Oil	11.6	−3.200	−4.950	9.540	20
032	12900	T175	T175	HYD OIL STORES STEERING HYD.	Lube Oil	3.8	10.600	2.100	5.750	0
068	12900	T176	T176	LUBE OIL STORES PROP.THRUSTERS	Lube Oil	13.3	10.600	−0.600	5.750	7
		T177	T177	HYD OIL STORES	Lube Oil	4.3	15.629	−7.200	9.777	?
086	12900*	T235	T235	LUBE OIL	Lube Oil	10.1	60.240	1.100	5.610	2
087	12900*	T236	T236	LUBE OIL	Lube Oil	9.9	60.400	−2.500	5.900	1
088	12900*	T237	T237	LUBE OIL	Lube Oil	12.7	60.400	−4.100	5.900	1
		SUBTOTAL				73.0				

CAPACITY OF FRESH WATER (RHO=1)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
007	18700	T012	T012	FRESH WATER	Fresh Water	150.2	76.270	0.000	6.850	59
005	18700	T012P	T012P	FRESH WATER	Fresh Water	107.2	76.240	5.640	8.200	113
057	12400	T162P	T162P	FRESH WATER	Fresh Water	157.0	15.120	7.310	5.400	171
058	11400	T162S	T162S	FRESH WATER	Fresh Water	164.6	14.990	−7.350	5.520	171
		SUBTOTAL				579.0				

CAPACITY OF WATER MIST (RHO=1)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
006	18700	T012S	T012S	Water mist holding	Water mist	107.2	76.240	−5.640	8.200	113
		SUBTOTAL				107.2				

CAPACITY OF SEACHEST (RHO=1.025)

	AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
092	14400	SCHP	SCHP	SEACHEST	Seachest	3.4	39.600	8.840	2.470	1
093	11400	SCHS	SCHS	SEACHEST	Seachest	3.4	39.600	−8.840	2.470	1
094	11400	SEACH_FIFI	SEACH_FIFI	FIFI SEACHEST	Seachest	2.2	14.000	0.000	0.750	0
095	11400	SEACH_ICE	SEACH_ICE	ICE SEACHEST	Seachest	53.7	33.290	0.000	3.940	8
		SUBTOTAL				62.7				

CAPACITY OF CARGOHOLD (RHO=1.025)

AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
–	CARGO_L	CARGO_L	CARGO HOLD	Cargohold	580.0	18.970	−0.180	5.650	2674
–	CARGO_U	CARGO_U	CARGO HOLD	Cargohold	591.9	19.550	−0.570	8.820	2858
	SUBTOTAL				1171.9				

CAPACITY OF HELICOPTER FUEL (RHO=0.804)

AIRPIPEH	NAPA NAME	TANK NO	DESCRIPTION	CONTENTS	VOL m3	LCG m	TCG m	VCG m	IT m4
–	T71	T71	HELIFUEL	Helifuel	35.1	58.400	−6.900	23.000	23
	SUBTOTAL				35.1				

(Column heads VOL, LCG, TCG, VCG, IT in each table are grouped under "CENTER OF GRAVITY AND TRANSV. MOMENT OF INERTIA".)

Notes:
1. All air pipes height written in first column is distance from BL to flange for air vent head.
2. Tank air pipe height written in first column with star(*) after, indicate that tank is fitted with overflow pipe to common overflow tank. The number indicates distance from BL to top of loop.

FINCANTIERI REGISTRATION NUMBER (ONLY FOR DOCUMENTATION MANAGEMENT)

FINCANTIERI DRWG. NUMBER	REV.	DATE	REVISION DESCRIPTION
006255GG8020061M	00	13/04/2015	
	01	22/10/2015	SEE ECR/ECO NO. 06255-01007
	02	15/02/2016	SEE ECR/ECO NO. 06255-01231
	03	17/11/2016	SEE ECR/ECO NO. 06255-02131

Rev.	Date	Reason for issue	Made by	Chk'd by	Disc. appr.	Client appr.
9	15.11.16	Owner and Yard comments inplemented	kpb			
8	12.11.15	Water mist, helifuel, em.gen. tanks	FA			
7	29.06.15	Updated Grey/Black water section	EF			
6	27.05.15	Updated Grey/Black water section	EF			
5	08.04.15	Recessed gensets. revised pump room arr.	FA			

CUSTOMER: FINCANTIERI

TITLE: TANK PLAN

Yard no.: 6255

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