



MAIN DIMENSIONS:

LENGTH O.A. 57,20 m
 LENGTH P.P. 50,40 m
 BEAM 12,00 m
 DEPTH TO MAIN DECK 5,65 m
 DEPTH TO SHELTERDECK 8,25 m
 FRAME SPACING 600 mm
 ACCOMMODATION FOR 15 PERSONS

FUEL OIL (0.84 T/m³)

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
2 SB	-	FUEL OIL DOUBLE BOTTOM TANK	30.11	37.47	1.37	39.24
2 PS	-	FUEL OIL DOUBLE BOTTOM TANK	30.11	37.47	1.37	39.24
3 SB	-	FUEL OIL DOUBLE BOTTOM TANK	45.29	30.22	1.13	104.25
3 PS	-	FUEL OIL DOUBLE BOTTOM TANK	44.21	30.23	1.14	104.68
5	-	FUEL OIL STERN TANK	48.72	1.11	4.90	96.47
6	-	FUEL OIL STERN TANK	48.72	1.11	4.90	96.47
14	-	FUEL OIL SETTLING TANK	9.96	3.63	4.59	1.60
13	-	FUEL OIL DAY TANK	9.96	3.63	4.59	1.60
31	-	FUEL OIL TANK AUX. ENG.	1.18	42.70	10.06	0.05
TOTAL CAPACITY			268.26			

COMBINED TANKS F.O./W.B. (0.84/1.025 T/m³)

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
4 SB	-	F.O./W.B DOUBLE BOTTOM TANK	58.10	22.04	0.952	151.46
4 PS	-	F.O./W.B DOUBLE BOTTOM TANK	46.91	21.92	1.01	151.46
TOTAL CAPACITY			105.01			

LUBRICATING OIL (0.9 T/m³)

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
7	-	WASTE LUB.OIL	10.06	14.56	0.14	4.76
15	-	LUB.OIL SPARE	2.49	9.90	4.56	0.40
16	-	LUB.OIL TANK AUX.ENGINE	2.42	9.30	4.58	0.40
17	-	LUB.OIL TANK MAIN ENGINE	11.87	7.35	4.72	2.38
TOTAL CAPACITY			26.85			

HYDRAULIC OIL (0.88 T/m³)

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
18/1	-	HP HYDR.OIL SYSTEM TANK FORE	1.75	38.85	9.75	0.29
18/2	-	HP HYDR.OIL SYSTEM TANK FORE	1.73	42.70	9.97	0.20
19	-	HP HYDR.OIL SYSTEM TANK AFT	5.28	2.35	7.10	1.23
20	-	HP HYDR.OIL STORAGE TANK	3.88	-0.90	7.10	0.15
30	-	HYDR.OIL FISH P. SYSTEM	0.31	-2.05	6.77	0.02
TOTAL CAPACITY			12.95			

SEA WATER BALLAST (1.025 T/m³)

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
1	-	FORE PEAK TANK	46.52	49.98	5.17	16.43
12	-	STERN TUBE TANK	6.08	4.47	0.92	0.49
4 SB	-	WATER BALLAST DOUBLE BOTTOM TK	58.07	22.04	0.95	151.46
4 PS	-	WATER BALLAST DOUBLE BOTTOM TK	46.52	21.92	1.073	151.46
TOTAL CAPACITY			157.19			

POTABLE WATER (1.00 T/m³)

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
8	-	POTABLE WATER WING TANK PS	14.62	12.98	2.23	14.88
TOTAL CAPACITY			14.62			

MISCELLANEOUS TANKS

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
11	-	FUEL OIL DRAIN TANK	3.28	7.51	-0.21	3.29
9	-	SEWAGE TANK	9.13	13.89	2.15	7.74
10	-	SLUDGE TANK	5.38	11.44	2.38	5.74
TOTAL CAPACITY			17.79			

CARGO TANKS

TANK	HEIGHT OF AIR PIPE	CONTENT / DESCRIPTION	VOL (m ³)	L.C.G. In front of AP	V.C.G. Above BL	I, (m ⁴)
21 PS	-	RSW TANK 21 PT	118.92	36.77	4.92	31.56
22 C	-	RSW TANK 22 C	132.69	36.86	4.92	27.56
23 SB	-	RSW TANK 23 SB	118.92	36.77	4.92	31.56
24 PS	-	RSW TANK 24 PT	162.49	30.00	4.90	41.23
25 C	-	RSW TANK 25 C	154.04	29.84	5.13	25.05
26 SB	-	RSW TANK 26 SB	162.49	30.00	4.90	41.23
27 PS	-	RSW TANK 27 PT	183.08	22.25	4.81	54.04
28 C	-	RSW TANK 28 C	155.57	22.56	5.13	25.67
29 SB	-	RSW TANK 29 SB	183.08	22.25	4.81	54.04
TOTAL CAPACITY			1371.29			

CLASS: DNV 1A1 "FISHING VESSEL"

REV.	ZONE.	DESCRIPTION.	DATE.	APPROVED.
1	-	Updated pr. 2010	15.09.10	-
-	-	-	-	-
-	-	-	-	-

ORDER

"GUNNAR LANGVA" REBUILDING 98

TANK CAPACITY PLAN

SCALE 1:100
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