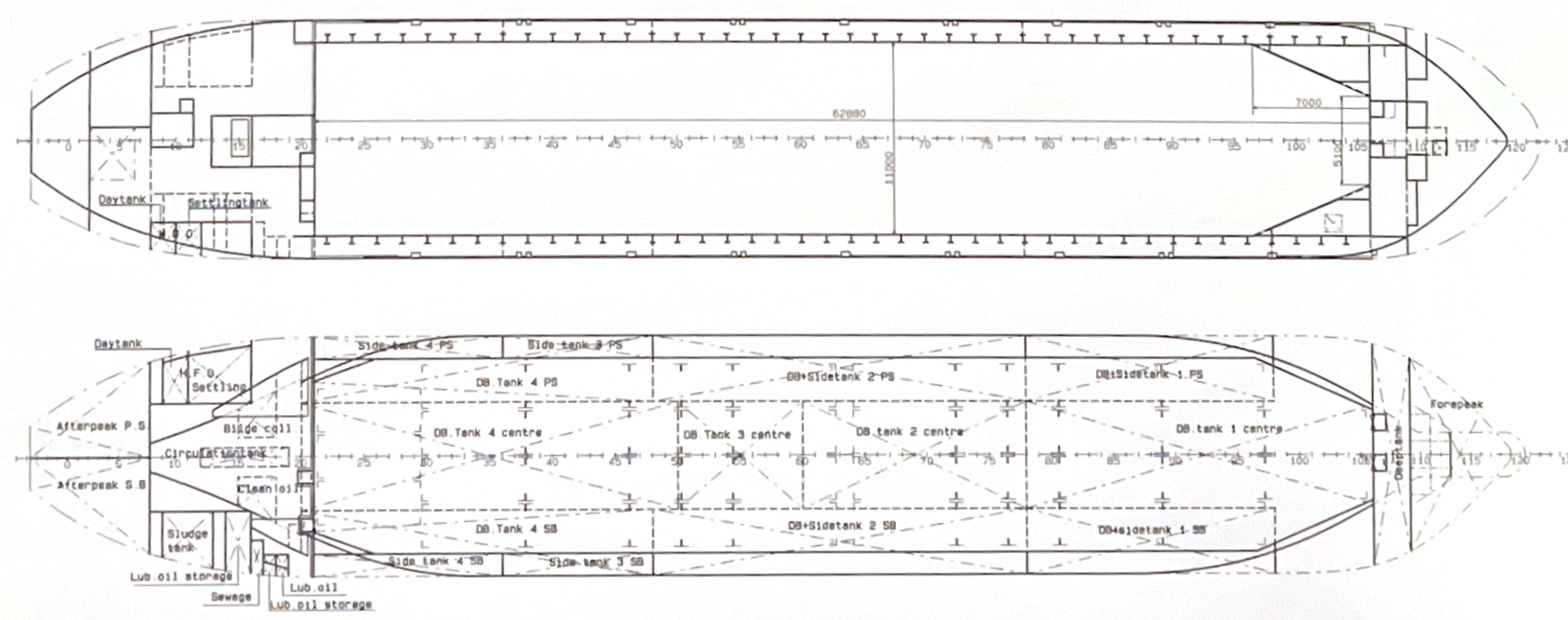
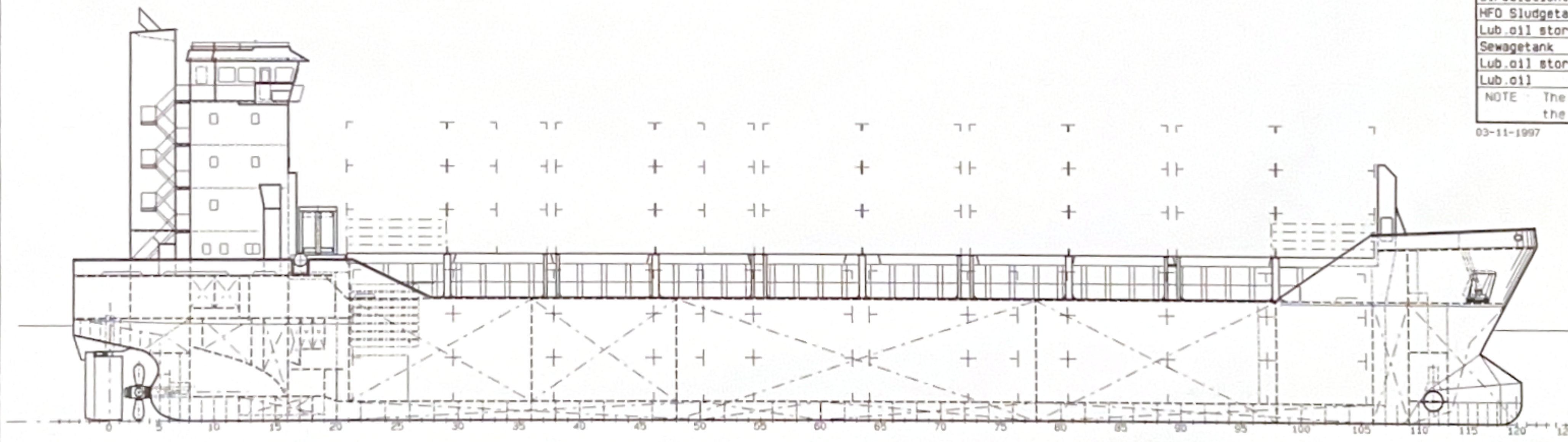
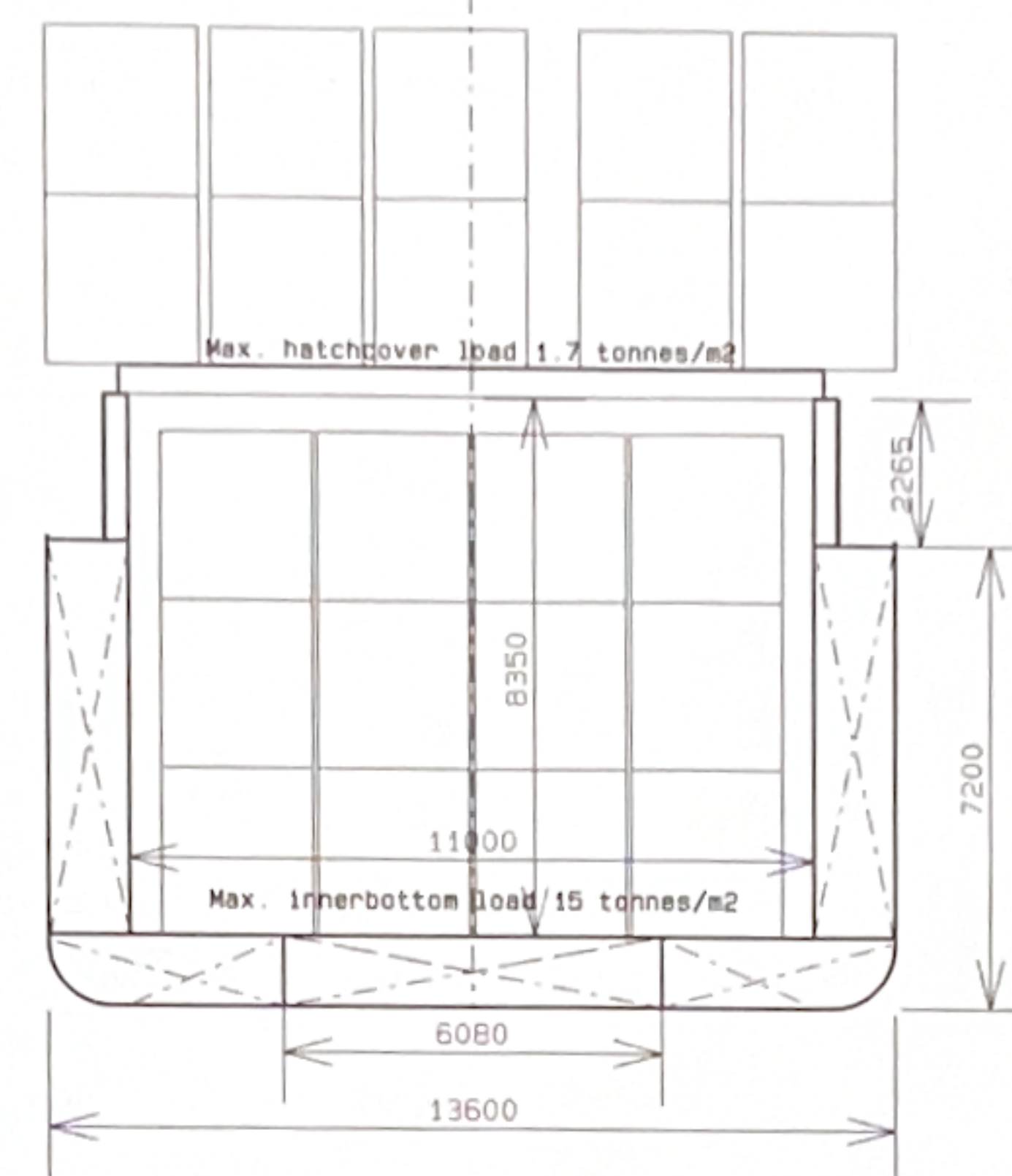
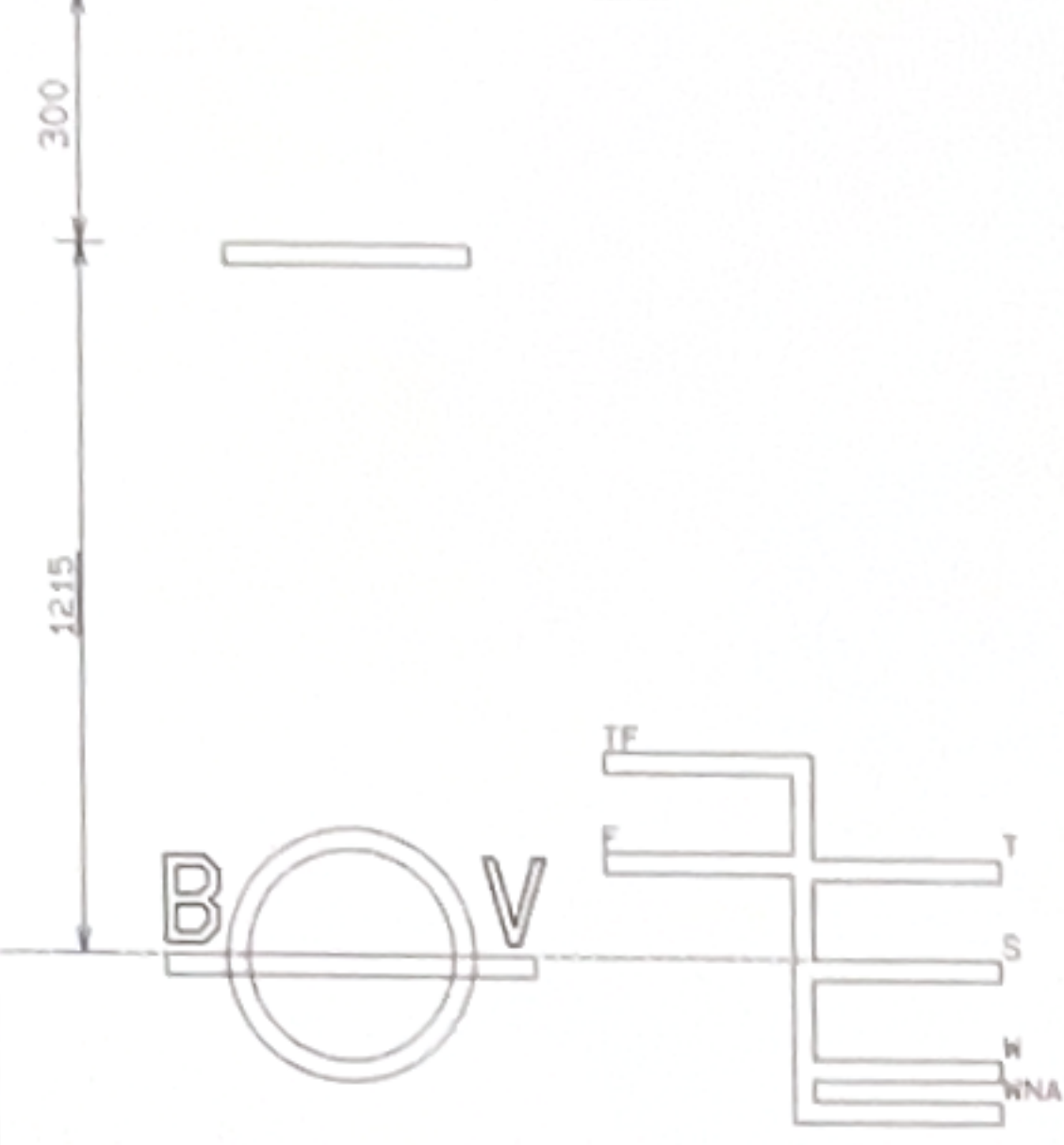


DEADWEIGHT SCALE

Freeboard in m	SALT WATER			MEAN DRAFT in dm from u.s. keel	FRESH WATER		
	Moment 1 cm trim change Ton x m	Tonnes per cm.	DISPL. 't in tonnes		Total DEADW in tonnes	DISPL. 't in tonnes	Tonnes per cm.
0.0				62			
0.1				60			
0.2				58			
0.3				56			
0.4				54			
0.5				52			
0.6				50			
0.7				48			
0.8				46			
0.9				44			
1.0				42			
1.1				40			
1.2				38			
1.3				36			
1.4				34			
1.5				32			
1.6				30			
1.7				28			
1.8				26			
1.9				24			
2.0				22			
2.1				20			
2.2				18			
2.3				16			
2.4				14			

Top of deck at side



Hold- and tank capacities							Conoship		
Dry Cargo spaces							BSM 581		
Compartment	Frame numbers	Grain			Bale			L.C.G.	F.S.M.
		Capacity m³	Capacity cbft	V.C.G. m	Capacity m³	Capacity cbft	V.C.G. m		
Hold total	21-108	5628	198762	5.31	45.29	5628	198762	5.31	45.29
Hold bulk stowed	21-108	5470	193168	5.29	46.12	5470	193168	5.29	46.12
Tank capacities									
Compartment	Frame numbers	Capacity m³	V.C.G. tonnes	Vent. moment tonm	L.C.G. m	Long. moment tonm	F.S.M. tonm		
H.F.O. tanks S.G.=0.950 t/m³									
Side tank 3 sb	36-48	69.00	65.55	4.15	272.0	29.96	1963.9	1.8	
Side tank 3 ps	36-48	69.00	65.55	4.15	272.0	29.96	1963.9	1.8	
Side tank 4 sb	21-36	83.40	79.23	4.26	337.3	20.06	1589.5	4.3	
Side tank 4 ps	21-36	83.40	79.23	4.26	337.3	20.06	1589.5	4.3	
H.F.O. Settling tank	9-12	13.85	13.16	4.96	65.3	9.32	122.7	5.4	
Day tank hfo	12-14	6.27	5.96	5.40	32.2	6.76	40.3	3.0	
Total		324.93	308.68	4.26	1316.1	23.55	7269.7		
Fuel Oil tanks S.G.=0.850 t/m³									
DB Tank 3 centre	50-60	48.50	41.23	0.55	22.7	39.58	1631.7	115.5	
Day tank Gasoil	8-10	3.65	3.10	7.73	24.0	5.57	17.3	0.9	
Settling tank Gasoil	10-12	4.32	3.67	7.72	28.3	7.04	25.8	0.7	
Total		56.47	48.00	1.56	75.0	34.89	1674.8		
Ballastwater tanks S.G.=1.025 t/m³									
Forepeak	109-120	95.28	97.66	4.24	414.1	82.27	8034.8	176.9	
Deep tank	106-109	98.95	101.02	4.34	437.9	78.42	7921.6	272.6	
DB Tank 1 centre	78-106	144.53	148.14	0.57	83.7	67.22	9958.2	627.2	
DB+Side tank 1 sb	78-98	164.40	168.51	3.07	518.0	63.72	10736.8	57.3	
DB+Side tank 1 ps	78-98	164.40	168.51	3.07	518.0	63.72	10736.8	57.3	
DB Tank 2 centre	60-78	87.30	89.48	0.55	49.2	49.94	4469.9	250.6	
DB Tank 4 centre	20-50	145.43	149.07	0.55	82.0	24.78	3694.7	417.7	
DB+Side tank 2 sb	48-78	261.19	267.72	2.96	791.6	45.50	12181.2	99.8	
DB+Side tank 2 ps	48-78	261.19	267.72	2.96	791.6	45.50	12181.2	99.8	
DB Tank 4 sb	20-48	68.31	70.02	0.57	40.1	25.35	1774.7	76.0	
DB Tank 4 ps	20-48	68.31	70.02	0.57	40.1	25.35	1774.7	76.0	
Total		1558.90	1597.87	2.36	3766.4	52.23	83463.5		
Potablewater tanks S.G.=1.000 t/m³									
Afterpeak SB	aft-8	31.16	31.16	5.33	166.2	2.28	71.0	47.1	
Afterpeak PS	aft-8	31.16	31.16	5.33	166.2	2.28	71.0	47.1	
Total		62.32	62.32	5.33	332.4	2.28	142.0		
Miscellaneous tanks									
Bilge collect. tank	15-18	5.82	5.82	0.83	4.8	11.18	65.0	2.1	
Clean oil tank	15-18	5.82	5.82	0.83	4.8	11.18	65.0	2.1	
Circulation tank	12-19	3.89	3.58	0.98	3.5	10.72	38.3	0.4	
HFO Sludgetank	9-13	12.29	11.68	5.21	60.9	7.18	83.9	6.3	
Lub oil storage tank	14-16	9.17	8.43	4.70	39.6	10.02	84.4	4.5	
Sewagetank	16-17	2.65	2.65	5.02	13.3	11.10	29.5	0.4	
Lub oil storage	17-18	1.35	1.24	5.20	6.5	11.84	14.7	0.1	
Lub oil	18-19	1.50	1.38	5.17	7.1	12.58	17.4	0.1	

NOTE : The Free Surface Moments given in the last column are at the S.G. of the liquid in that tank when given in tone

NOTE: The Free Surface Moments given in the last column are at the S.G. of the liquid in that tank when given in tonne
03-11-1997

MAIN PARTICULARS	
Length over all	89.72 m.
Length between perpendiculars	84.98 m.
Breadth moulded	13.60 m.
Depth	7.20 m.
Draft	5.706 m.
Deadweight (grain bulkheads on board)	4023 t.
Capacities:	
Hold	198762 cbft.
Ballast water	1719 m³.
Potable water	62 m³.
H.F.O.	325 m³.
M.D.O.	56 m³.
Containers in hold	
on hatches	135 TEU
total	246 TEU
Tonnage	2820 GT.
Output main engine	2400 kW.
Class: Bureau Veritas I 3/3 E + CargoShip, Deep Sea Ice Class: 1A Swedish Finnish Ice Class Rules 1985	

ULTRAMAR
PJIF

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GRONINGEN - THE NETHERLANDS

CAPACITY PLAN

SCALE: 1:200	DATE: 17-12-1997	YARD NO: 581	DRAWING NO: 003	SHEET: 1
DRAWN BY: H.T.		VERSION:		