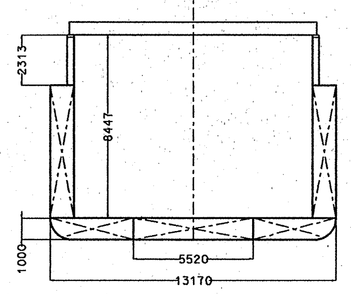
Deadweight table Combi Freighter

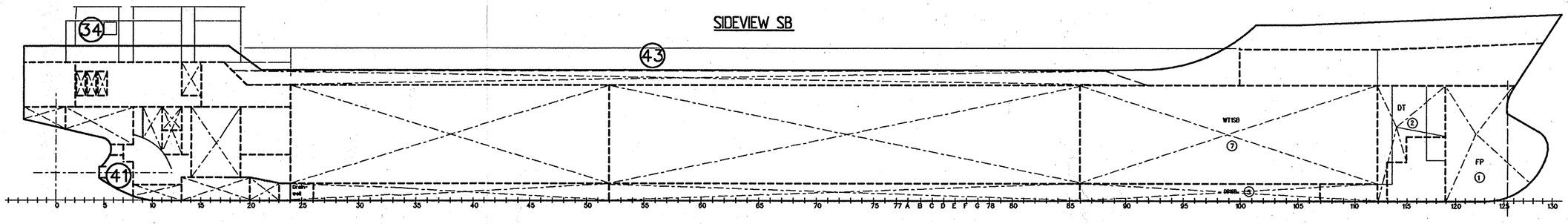
Trim 0.000 m — 19-03-2001 09:49

	Frbrd m	IN SALT WATER S.w. = 1.025 Immersion ton/cm	Mct tonm	Displ ton	Deadweight ton	Draft ue keel m	IN FRESH WATER S.w. = 1.000 Deadweight ton	Displ ton	Immersion ton/cm	Frbrd m
Trop.fresh						6.470	5080.44	6633.57	11.31	0.700
Fresh						6.341	4934.70	6467.84	11.28	0.829
Tropical	0.841	11.56	76.22	6636.16	5083.02	6.329				
Summer	0.970	11.53	75.62	6487.23	4934.10	6.200				
Winter	1.098	11.49	74.99	6338.76	4785.63	6.071				
Winter N.A	1.149	11.48	74.74	6281.34	4728.21	6.021				
	0.872	11.56	76.07	6600.02	5046.89	6.298	4885.91	6439.04	11.27	0.872
	0.916	11.54	75.88	6550.04	4996.90	6.254	4837.15	6380.28	11.26	0.916
	0.959	11.53	75.67	6500.03	4946.90	6.211	4788.36	6341.49	11.25	0.959
	1.002	11.52	75.47	6450.03	4896.90	6.168	4739.59	6292.72	11.24	1.002
	1.046	11.51	75.26	6400.04	4846.91	6.124	4690.81	6243.94	11.23	1.046
	1.089	11.50	75.04	6350.04	4796.90	6.081	4642.02	6195.15	11.22	1.089
	1.133	11.48	74.82	6300.04	4746.90	6.037	4593.25	6146.38	11.20	1.133
	1.176	11.47	74.60	6250.04	4696.90	5.994	4544.46	6097.59	11.19	1.176
	1.220	11.46	74.37	6200.04	4646.91	5.950	4495.69	6048.82	11.18	1.220
	1.264	11.45	74.13	6150.04	4596.89	5.906	4446.89	6000.02	11.17	1.264
	1.307	11.44	73.89	6100.04	4546.91	5.863	4398.12	5951.26	11.16	1.307
	1.351	11.42	73.65	6050.04	4496.91	5.819	4349.35	5902.48	11.14	1.351
	1.395	11.41	73.39	6000.04	4446.91	5.775	4300.57	5853.70	11.13	1.395
	1.439	11.40	73.13	5950.04	4396.89	5.731	4251.77	5804.90	11.12	1.439
	1.483	11.38	72.86	5900.04	4346.91	5.687	4203.00	5756.13	11.11	1.483
	1.527	11.37	72.58	5850.04	4296.91	5.643	4154.23	5707.36	11.09	1.527
	1.571	11.36	72.30	5800.04	4246.91	5.599	4105.45	5658.58	11.08	1.571
	1.615	11.34	72.00	5750.05	4196.92	5.555	4056.66	5609.81	11.06	1.615
	1.659	11.33	71.69	5700.04	4146.91	5.511	4007.88	5561.02	11.05	1.659
	1.703	11.31	71.36	5650.05	4096.92	5.467	3959.11	5512.25	11.03	1.703
	1.747	11.29	71.04	5600.04	4046.91	5.423	3910.33	5463.46	11.02	1.747
	1.792	11.28	70.71	5550.04	3996.91	5.378	3861.54	5414.67	11.00	1.792
	1.836	11.26	70.38	5500.05	3946.91	5.334	3812.77	5365.90	10.99	1.836
	1.880	11.24	70.04	5450.05	3896.92	5.290	3763.99	5317.12	10.97	1.880
	1.925	11.22	69.70	5400.05	3846.92	5.245	3715.21	5268.34	10.95	1.925
	1.969	11.21	69.35	5350.04	3796.91	5.201	3666.42	5219.55	10.93	1.969
	2.014	11.19	69.00	5300.05	3746.92	5.156	3617.65	5170.78	10.91	2.014
	2.059	11.17	68.64	5250.05	3696.92	5.111	3568.87	5122.00	10.90	2.059
	2.104	11.15	68.31	5200.06	3646.93	5.066	3520.10	5073.23	10.88	2.104
	2.149	11.13	67.98	5150.06	3596.93	5.021	3471.32	5024.45	10.86	2.149
	2.194	11.11	67.64	5100.06	3546.93	4.976	3422.53	4975.66	10.84	2.194
	2.239	11.09	67.29	5050.06	3496.93	4.931	3373.76	4926.89	10.82	2.239
	2.284	11.07	66.93	5000.05	3446.92	4.886	3324.97	4878.10	10.80	2.284
	2.329	11.05	66.55	4950.05	3396.92	4.841	3276.19	4829.32	10.78	2.329
	2.374	11.03	66.17	4900.05	3346.92	4.796	3227.41	4780.54	10.76	2.374
	2.420	11.01	65.78	4850.06	3296.93	4.750	3178.64	4731.77	10.74	2.420
	2.465	10.99	65.40	4800.06	3246.93	4.705	3129.86	4682.99	10.72	2.465
	2.511	10.97	65.00	4750.06	3196.93	4.659	3081.07	4634.20	10.70	2.511
	2.556	10.94	64.73	4700.06	3146.93	4.614	3032.29	4585.42	10.68	2.556
	2.602	10.92	64.43	4650.06	3096.93	4.568	2983.52	4536.65	10.66	2.602
	2.648	10.91	64.13	4600.04	3046.91	4.522	2934.72	4487.85	10.64	2.648
	2.694	10.89	63.81	4550.04	2996.92	4.476	2885.95	4439.08	10.62	2.694
	2.740	10.87	63.47	4500.04	2946.91	4.430	2837.15	4390.28	10.61	2.740
	2.786	10.85	63.13	4450.04	2896.92	4.384	2788.38	4341.52	10.59	2.786
	2.832	10.83	62.76	4400.05	2846.92	4.338	2739.60	4292.73	10.57	2.832
	2.878	10.81	62.38	4350.06	2796.93	4.292	2690.83	4243.96	10.55	2.878
	2.925	10.79	62.02	4300.06	2746.93	4.246	2642.06	4195.18	10.53	2.925
	2.971	10.77	61.70	4250.06	2696.93	4.199	2593.27	4146.40	10.50	2.971
	3.017	10.75	61.39	4200.06	2646.93	4.153	2544.49	4097.62	10.48	3.017
	3.064	10.73	61.09	4150.06	2596.92	4.106	2495.70	4048.83	10.47	3.064
	3.111	10.71	60.79	4100.05	2546.92	4.059	2446.92	4000.05	10.45	3.111
	3.157	10.69	60.50	4050.05	2496.92	4.013	2398.13	3951.27	10.43	3.157
	3.204	10.67	60.24	4000.05	2446.92	3.966	2349.36	3902.48	10.41	3.204
	3.251	10.65	60.01	3950.05	2396.92	3.919	2300.58	3853.71	10.39	3.251
	3.298	10.64	59.82	3900.05	2346.91	3.872	2251.79	3804.92	10.38	3.298
	3.345	10.62	59.64	3850.05	2296.91	3.825	2203.02	3756.15	10.36	3.345
	3.392	10.61	59.47	3800.04	2246.90	3.778	2154.22	3707.35	10.34	3.392
	3.439	10.60	59.31	3750.03	2196.90	3.731	2105.44	3658.57	10.34	3.439
	3.487	10.59	59.16	3700.03	2146.90	3.683	2056.66	3609.79	10.33	3.487
	3.534	10.58	59.01	3650.03	2096.90	3.636	2007.87	3561.01	10.32	3.534
	3.581	10.57	58.86	3600.03	2046.90	3.589	1959.10	3512.23	10.31	3.581
	3.628	10.56	58.72	3550.03	1996.90	3.542	1910.31	3463.44	10.30	3.628
	3.676	10.55	58.58	3500.03	1946.90	3.494	1861.53	3414.66	10.29	3.676
	3.723	10.54	58.45	3450.03	1896.90	3.447	1812.75	3365.88	10.28	3.723
	3.771	10.53	58.33	3400.03	1846.89	3.399	1763.97	3317.10	10.27	3.771
	3.818	10.52	58.20	3350.02	1796.89	3.352	1715.18	3268.31	10.26	3.818
	3.866	10.51	58.08	3300.02	1746.89	3.304	1666.40	3219.54	10.25	3.866
	3.913	10.50	57.97	3250.02	1696.89	3.257	1617.62	3170.76	10.25	3.913
	3.961	10.49	57.85	3200.02	1646.89	3.209	1568.84	3121.97	10.24	3.961
	4.009	10.49	57.74	3150.03	1596.90	3.161	1520.07	3073.20	10.23	4.009
	4.056	10.48	57.64	3100.02	1546.89	3.114	1471.28	3024.41	10.22	4.056
	4.104	10.47	57.53	3050.02	1496.89	3.066	1422.50	2975.63	10.21	4.104
	4.152	10.46	57.43	3000.02	1446.89	3.018	1373.72	2926.85	10.21	4.152
	4.200	10.46	57.33	2950.02	1396.89	2.970	1324.94	2878.07	10.20	4.200
	4.248	10.45	57.23	2900.02	1346.89	2.922	1276.16	2829.29	10.19	4.248
	4.295	10.44	57.12	2850.03	1296.90	2.875	1227.38	2780.51	10.18	4.295
	4.343	10.43	57.02	2800.03	1246.89	2.827	1178.60	2731.73	10.18	4.343
	4.391	10.42	56.92	2750.02	1196.89	2.779	1129.82	2682.95	10.17	4.391
	4.439	10.42	56.82	2700.02	1146.89	2.731	1081.04	2634.17	10.16	4.439
	4.487	10.41	56.71	2650.02	1096.89	2.683	1032.26	2585.39	10.16	4.487
	4.535	10.40	56.61	2600.02	1046.89	2.635	983.48	2536.61	10.15	4.535
	4.583	10.39	56.51	2550.02	996.89	2.587	934.69	2487.82	10.14	4.583
	4.632	10.39	56.40	2500.02	946.89	2.538	885.92	2439.05	10.13	4.632
	4.680	10.38	56.29	2450.02	896.89	2.490	837.13	2390.26	10.12	4.680
	4.728	10.37	56.18	2400.02	846.89	2.442	788.35	2341.48	10.12	4.728
	4.776	10.36	56.08	2350.03	796.90	2.394	739.58	2292.71	10.11	4.776
	4.824	10.35	55.98	2300.03	746.89	2.346	690.79	2243.92	10.10	4.824
	4.873	10.35	55.88	2250.03	696.89	2.297	642.02	2195.15	10.09	4.873
	4.921	10.34	55.78	2200.03	646.89	2.249	593.23	2146.36	10.09	4.921
	4.970	10.33	55.67	2150.03	596.89	2.200	544.45	2097.58	10.08	4.970
	5.018	10.32	55.56	2100.03	546.89	2.152	495.67	2048.80	10.07	5.018
	5.066	10.31	55.43	2050.03	496.90	2.104	446.89	2000.03	10.06	5.066
	5.115	10.30	55.31	2000.03	446.89	2.055	398.11	1951.24	10.06	5.115
	5.164	10.29	55.18	1950.03	396.90	2.006	349.34	1902.47	10.04	5.164
	5.212	10.28	55.05	1900.03	346.90	1.958	300.55	1853.68	10.03	5.212
	5.261	10.27	54.91	1850.03	296.90	1.909	251.78	1804.91	10.02	5.261
	5.309	10.26	54.76	1800.03	246.90	1.861	202.99	1756.13	10.01	5.309
	5.358	10.25	54.61	1750.03	196.90	1.812	154.22	1707.35	10.00	5.358
	5.407	10.24	54.45	1700.03	146.90	1.763	105.44	1658.57	9.99	5.407
	5.456	10.23	54.28	1650.03	96.90	1.714	56.66	1609.79	9.98	5.456
	5.505	10.22	54.11	1600.04	46.91	1.665	7.88	1561.01	9.97	5.505
Lightship	5.851	10.21	53.94	1553.16	0.03	1.619				

CROSS SECTION

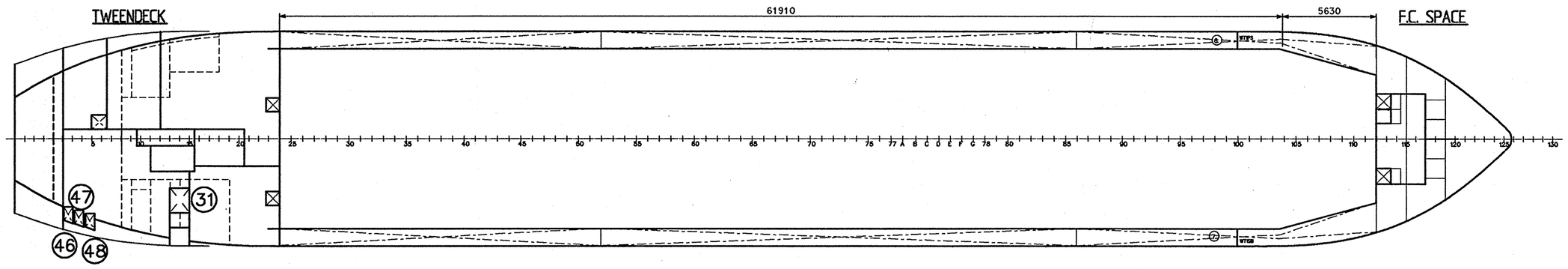


SIDEVIEW SB

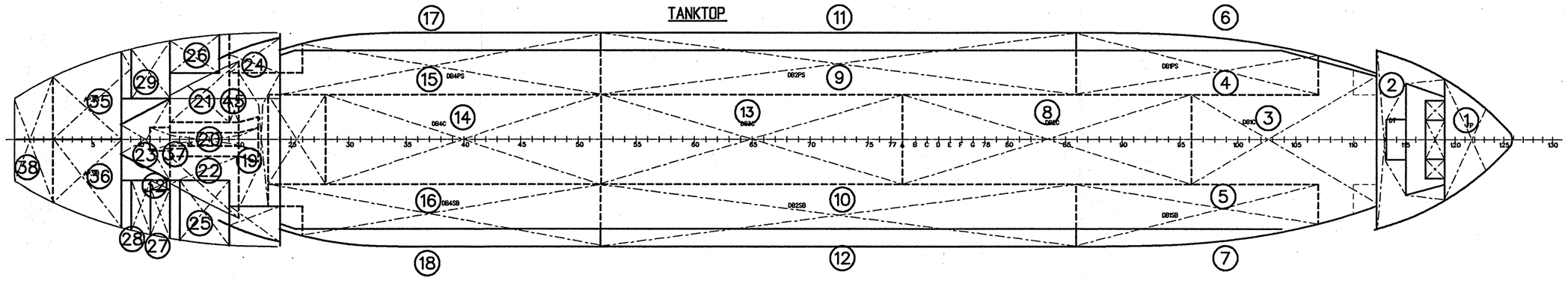


MAIN DECK

TWEENDECK — 61910 — 5630 — F.C. SPACE



TANKTOP



HOLD AND TANKCAPACITIES

Dry cargo spaces

Compartment	Frame nrs.	Capacity m3	Capacity cuft	V.C.G. m		L.C.G. m		
Hold	24-112	6176	218181	5.23		47.87		

Tanks

Compartment	Frame nrs.	Capacity m3	Capacity ton	V.C.G. m	Vert. Mom. tonm	L.C.G. m	Long. Mom. tonm	F.S.M. tonm
Fuel oil tanks				S.G.=0.950 t/m3				
8 DB.tank 2	A-96	97,52	92,64	0,50	46,32	61,77	5722,51	248,28
13 DB.tank 3 CL	52-A	100,88	95,84	0,50	47,92	43,62	4180,37	256,16
14 DB.tank 4 CL	28-52	93,05	88,39	0,50	44,20	25,88	2287,30	236,45
19 Overflow CL	20-24	14,40	13,68	0,61	8,37	13,00	177,89	91,03
26 Settling PS	13-18	7,62	7,24	4,62	33,45	9,58	69,30	1,61
29 Daytank PS	9-13	8,00	7,60	4,80	36,46	6,77	51,43	5,61
Total		321,46	305,39	0,71	216,72	40,89	12488,80	
Gasoil tank				S.G.=0.850 t/m3				
25 Sidetank ER SB	14-19	33,06	28,10	3,93	110,54	10,02	281,47	13,89
31 Daytank Gasoil	13-15	3,69	3,14	7,44	23,31	8,40	26,34	0,34
Total		36,75	31,23	4,29	133,86	9,85	307,81	
Waterballast tanks				S.G.=1.025 t/m3				
1 Forepeak CL	119-129	110,77	113,54	3,71	420,87	88,09	10001,08	40,64
2 Deeptank CL	112-119	105,94	108,59	4,84	525,55	84,05	9126,17	275,35
3 DB.tank 1 CL	96-112	71,25	73,04	0,51	37,25	76,83	5611,23	339,64
4 DB.tank 1 PS	86-107	46,18	47,33	0,52	24,80	70,40	3332,54	54,04
5 DB.tank 1 SB	86-107	46,18	47,33	0,52	24,80	70,40	3332,54	54,04
6 Sidetank 1 PS	86-112	111,40	114,18	4,29	489,49	72,50	8277,66	6,90
7 Sidetank 1 SB	86-112	111,40	114,18	4,29	489,49	72,50	8277,66	6,90
9 DB.tank 2 PS	52-86	104,05	106,65	0,52	55,03	48,99	5225,01	133,25
10 DB.tank 2 SB	52-86	104,05	106,65	0,52	55,03	48,99	5225,01	133,25
11 Sidetank 2 PS	52-86	192,90	197,72	4,08	805,72	48,99	9686,38	3,27
12 Sidetank 2 SB	52-86	192,90	197,72	4,08	805,72	48,99	9686,38	3,27
15 DB.tank 4 PS	24-52	65,38	67,01	0,52	34,78	25,14	1684,63	83,13
16 DB.tank 4 SB	23-52	66,30	67,96	0,52	35,27	24,99	1698,06	79,62
17 Sidetank 4 PS	24-52	128,92	132,14	4,12	543,90	24,61	3251,75	2,20
18 Sidetank 4 SB	24-52	128,92	132,14	4,12	543,90	24,61	3251,75	2,20
Total		1586,52	1626,19	3,01	4891,61	53,91	87667,84	
Potable water tanks				S.G.=1.000 t/m3				
35 Aftpeak PS	1-8	20,24	20,24	5,01	101,28	3,00	60,71	32,91
36 Aftpeak SB	1-8	21,20	21,20	5,02	106,48	3,04	64,47	36,12
41 Sterntank CL	5-8	3,20	3,20	1,63	5,21	4,14	13,25	0,51
Total		44,63	44,63	4,77	212,97	3,10	138,43	
Various tanks								
20 DB.tank ER CL LO circ	11-22	4,46	4,10	0,77	3,16	10,12	41,48	0,48
21 DB.tank ER PS dirty oil	13-20	11,21	10,32	0,79	8,10	10,07	103,91	7,99
22 DB.tank ER SB sewage	13-20	12,39	12,39	0,78	9,60	10,23	126,72	8,57
23 DB.tank ER CL LO Stor.	8-13	4,14	3,80	0,50	1,92	6,46	24,56	10,23
24 DB.Tank ER PS Sludge	19-24	8,38	7,71	1,82	14,01	13,26	102,23	1,55
27 Sidetank ER SB LO Gear	11-13	5,46	5,03	4,65	23,35	7,24	36,38	2,14
28 Sidetank ER SB LO Main	9-11	4,75	4,37	4,93	21,53	6,03	26,36	2,96
32 Sidetank ER SB LO Shaft	11-13	1,21	1,12	4,85	5,41	7,20	8,03	0,02
34 Daily service tank emerg.	5,5-6,5	0,56	0,47	10,80	5,12	3,60	1,71	0,26
45 Coolwater drain DB PS	19-20	0,96	0,96	0,69	0,67	11,70	11,28	0,09

PRINCIPAL PARTICULARS

Length over all	94.96 M
Length between perpend.	90.05 M
Breadth moulded	13.17 M
Depth to maindeck	7.15 M
Draught max. summer u.s.k.	6.200 M

CLASSIFICATION

Class L.R.S. :+100A1 strengthened for heavy cargoes
Containercargoes in hold and on hatchcovers
Ice class 1A
(Finnish-Swedish ice class rules 1985)
With the descritive note in col.6 of the registerbook 'Pt.HT.Steel

TONNAGE

Gross	2997 GT
Nett	1707 NT

DEADWEIGHT

Summer freeboard	4934.1 T

DAMEN SHIPYARDS HOOGEZAND
Scheepswerfweg 13
PO Box 79 9600AB Hoogezand ,HOLLAND
Tel: 0598-380022 Fax: 0598-394863

SCALE	1:200	OWNER	
DRAWN BY	JH	DATE	22-03-01
		YARD No.	0756
APPROVED			

TITLE: CAPACITY PLAN MERWEDELTA

ALTERATION — No. | DATE | BY

No. 0756 - 830 - 001