M/V "ARKLOW VIKING"

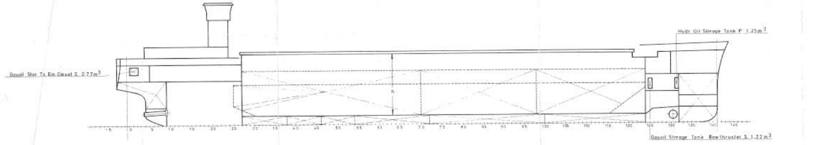
Signal Letters: EIMZ

Owners: Invermore Shipping Ltd., North Quay, Arklow - County Wicklow, Ireland

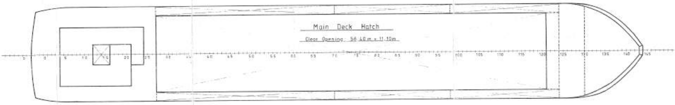
Hull No. 627 - Delivery 1990

Schiffswerft Hugo Peters, Wewelsfleth

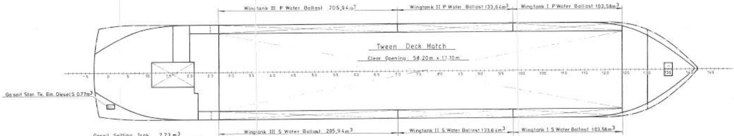
Germany



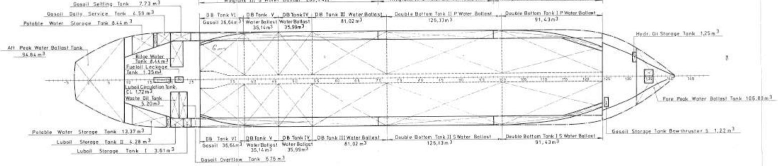
Hydr. Oil Storage Tank P 1,25 m³
Gasoil Stor. Tk. Em. Diesel S 0,77 m³
h
-5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145
Gasoil Storage Tank Bowthruster S 1,22 m³



Main Deck Hatch
Clear Opening: 56.40 m × 11.10 m
-5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145

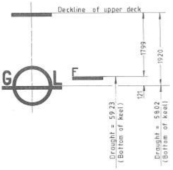


Wingtank III P Water Ballast 205,94 m³
Wingtank II P Water Ballast 133,64 m³
Wingtank I P Water Ballast 103,58 m³
Tween Deck Hatch
Clear Opening: 58.20 m × 11.10 m
-5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145
Gasoil Stor. Tk. Em. Diesel S 0.77 m³
Wingtank III S Water Ballast 205,94 m³
Wingtank II S Water Ballast 133,64 m³
Wingtank I S Water Ballast 103,58 m³



Gasoil Settling Tank 7.73 m³
Gasoil Daily Service Tank 4.59 m³
Potable Water Storage Tank 8.44 m³
Aft Peak Water Ballast Tank 94.84 m³
Bilge Water Tank 8.44 m³
Fueloil Leckage Tank 1.35 m³
Luboil Circulation Tank CL 1.72 m³
Waste Oil Tank 5.20 m³
DB Tank VI Gasoil 36,64 m³
DB Tank V Water Ballast 35,14 m³
DB Tank IV Water Ballast 35,99 m³
DB Tank III Water Ballast 81,02 m³
Double Bottom Tank II P Water Ballast 125,13 m³
Double Bottom Tank I P Water Ballast 91,43 m³
Hydr. Oil Storage Tank 1,25 m³
Fore Peak Water Ballast Tank 106,83 m³
-5 0 5 10 15 20 25 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145
Potable Water Storage Tank 13.37 m³
Luboil Storage Tank II 4.28 m³
Luboil Storage Tank I 3.61 m³
DB Tank VI Gasoil 36,64 m³
DB Tank V Water Ballast 35,14 m³
DB Tank IV Water Ballast 35,99 m³
DB Tank III Water Ballast 81,02 m³
Double Bottom Tank II S Water Ballast 126,03 m³
Double Bottom Tank I S Water Ballast 91,43 m³
Gasoil Storage Tank Bowthruster S 1,22 m³
Gasoil Overflow Tank 6.76 m³

28
2
56
50



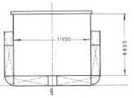
Deckline of upper deck
1799
1920
G
L
F
121
Draught = 5923 (Bottom of keel)
Draught = 5802 (Bottom of keel)

GASOIL - Spec. Gravity = 0.860

TANK COMPARTMENT	Fr.-Fr.	Cap (cbm)	Cap (t)	LCG (m)	TCG (m)	VCG (m)	FS (mt
DB-TANK 6 P	27- 38	36.64	31.51	19.84	-3.16	0.68	17.6
DB-TANK 6 S	27- 38	36.64	31.51	19.84	3.16	0.68	17.6
SETTLING TANK P	20- 25	7.73	6.64	13.61	-6.09	4.60	0.4
DAILY SERVICE TANK P	17- 20	4.59	3.95	11.08	-5.75	4.86	0.7
STOR.TK.EM.DIESEL S	0- 2	0.77	0.66	0.60	4.80	7.79	0.0
STOR.TK. BOWTHR. S	124-126	1.22	1.05	74.90	3.70	5.31	0.1
OVERFLOW TANK CL	21- 23	1.35	1.16	13.21	0.00	0.76	0.0
OVERFLOW TANK S	22- 24	6.76	5.81	13.02	3.22	1.64	2.9
TOTAL GASOIL		95.69	82.30	18.95	-0.45	1.38	39.3

LUBOIL - Spec. Gravity = 0.900

TANK COMPARTMENT	Fr.-Fr.	Cap (cbm)	Cap (t)	LCG (m)	TCG (m)	VCG (m)	FS (mt)
CIRCULATION TANK CL	16- 20	1.72	1.55	10.82	0.00	1.42	0.1
STORAGE TANK 1 S	23- 25	3.61	3.25	14.42	6.11	4.48	0.2
STORAGE TANK 2 S	20- 23	4.28	3.85	12.93	6.07	4.74	0.3
WASTE OIL TANK S	20- 22	5.20	4.68	12.63	3.04	1.77	0.0



TOTAL LUBOIL	14.80	13.32	12.94	4.31	3.25	0.6

POTABLE WATER - Spec. Gravity = 1.000

TANK COMPARTMENT	Fr.-Fr.	Cap (cbm)	Cap (t)	LCG (m)	TCG (m)	VCG (m)	FS (mt)
STORAGE TANK P	11- 16	8.44	8.44	8.12	-4.98	5.02	3.5
STORAGE TANK S	11- 19	13.37	13.37	8.99	5.21	4.98	5.2
TOTAL POTABLE WATER		21.81	21.81	8.65	1.27	5.00	8.7

SUNDRIES

TANK COMPARTMENT	Fr.-Fr.	Cap (cbm)	Cap (t)	LCG (m)	TCG (m)	VCG (m)	FS (mt)
HYDR. OIL STOR.TK. P	131-132	1.25	1.09	78.90	-2.70	5.32	0.1
BILGE WATER TANK P	20- 23	8.44	8.44	12.97	-3.10	1.73	0.0
TOTAL SUNDRIES		9.69	9.53	20.50	-3.05	2.14	0.1

BALLAST WATER - Spec. Gravity = 1.025

TANK COMPARTMENT	Fr.-Fr.	Cap (cbm)	Cap (t)	LCG (m)	TCG (m)	VCG (m)	FS (mt)
DB-TANK 1 P	100-124	91.43	93.71	66.54	-3.17	0.67	0.0
DB-TANK 1 S	100-124	91.43	93.71	66.54	3.17	0.67	0.0
DB-TANK 2 P	72-100	126.03	129.18	51.60	-3.55	0.66	0.0
DB-TANK 2 S	72-100	126.03	129.18	51.60	3.55	0.66	0.0
DB-TANK 3 P	54- 72	81.02	83.05	37.80	-3.55	0.66	0.0
DB-TANK 3 S	54- 72	81.02	83.05	37.80	3.55	0.66	0.0
DB-TANK 4 P	46- 54	35.99	36.89	30.00	-3.54	0.66	0.0
DB-TANK 4 S	46- 54	35.99	36.89	30.00	3.54	0.66	0.0
DB-TANK 5 P	38- 46	35.14	36.02	25.23	-3.48	0.67	0.0
DB-TANK 5 S	38- 46	35.14	36.02	25.23	3.48	0.67	0.0
FORE PEAK TANK	132-141	106.88	109.55	81.05	0.00	4.19	0.0
WINGTANK 1 P	98-124	103.58	106.17	65.53	-6.15	4.80	0.0
WINGTANK 1 S	98-124	103.58	106.17	65.53	6.15	4.80	0.0
WINGTANK 2 P	70- 98	133.64	136.98	50.40	-6.17	4.50	0.0
WINGTANK 2 S	70- 98	133.64	136.98	50.40	6.17	4.50	0.0
WINGTANK 3 P	25- 70	205.94	211.09	28.99	-6.17	4.55	0.0
WINGTANK 3 S	25- 70	205.94	211.09	28.99	6.17	4.55	0.0
AFT PEAK TANK	-3- 9	94.84	97.21	2.87	0.00	5.38	0.0
TOTAL BALLAST WATER		1827.26	1872.94	45.51	0.00	3.02	0.0

MAIN PARTICULARS:

Length overall	88.20 m	-	289' 4 7/16"
Length between perp.	84.90 m	-	278' 6 33/64"
Breadth moulded	13.60 m	-	44' 7 7/16"
Depth main deck moulded	7.70 m	-	25' 3 19/32"
Depth tween deck moulded	5.759 m	-	18' 10 47/64"
Freeboard draught (full)	5.802 m	-	19' 27/64"
Displacement	5,509 t	-	5,422 ts
Deadweight on freeboard draught appr.	4,261 t	-	4,194 ts
Tonnage	2,827 GT (1,399.98 GRT)	-	1,595 NT
Hold capacities grain appr.	5,665 cbm	-	200,046 cbf
Hold capacities bale appr.	5,665 cbm	-	200,046 cbf

CLASSIFICATION: GL 100 A4 E with freeboard 1.920 m "G"
"Strengthened for Heavy Cargo"
"Equipped for Carriage of Containers"
MC E AUT

FREEBOARDS:			FULL DRAUGHTS:
Summer:	1,920 mm	-	5,802 mm
Winter:	1,920 mm	-	5,802 mm
FW-Allowance:	121 mm	-	5,923 mm Summer
			5,923 mm Winter

Deck line is located on freeboard deck level.

PERMISSIBLE SURFACE LOADS:

Poopdeck transom to frame 14	1.3 t/sqm
Poopdeck frame 14 to frame 27	1.2 t/sqm
Upper deck frame 27 to frame 112	1.3 t/sqm
Upper deck frame 112 to frame 128	1.6 t/sqm
Forecastle deck	1.4 t/sqm
Raised tween deck transom to frame 27	0.9 t/sqm
Tween deck frame 124 to frame 132	1.5 t/sqm
Tween deck frame 132 to forward	3.2 t/sqm
Tanktop	11.1 t/sqm
Hatch covers tween deck	1.3 t/sqm
Hatch covers upper deck	1.6 t/sqm

PERMISSIBLE CONTAINER LOADS:

On tanktop:

3 tiers 20'-containers each 75 t per stack
3 tiers 40'-containers each 90 t per stack

On hatch covers:

Frame 27 to frame 67: 2 tiers 20'-containers each 30 t per stack
Frame 67 to frame 128: 1 tier 20'-containers each 20 t per stack
with distributed load

PERMISSIBLE COIL LOADS ON TANKTOP:

Minimum length	Diametre	Maximum Weight
1.5 m	2.2 to 2.3 m	35 t
1.8 m	2.2 to 2.3 m	40 t

HOLD CAPACITIES:

BULK CARGO:

Hold frs. 27 - 124:
5,664.7 cbm = 200,046 cbf; LCG = 45.18 m; VCG = 5.71 m

BALE CARGO:

Hold frs. 27 - 124:
5,664.7 cbm = 200,046 cbf; LCG = 45.18 m; VCG = 5.71 m

d FULL	DEADWEIGHT (METRIC TONNES)						MCT	TPC
	SPEC. GRAV. OF WATER (t/cbm)							
	1.000	1.005	1.010	1.015	1.020	1.025		
m	t	t	t	t	t	t	mt/m	t/cm
1.54				1	7	13	3933	9.04
1.56	0	6	13	19	25	31	3943	9.05
1.58	18	24	30	37	43	49	3954	9.06
1.60	35	42	48	55	61	68	3964	9.07
1.62	53	60	66	73	79	86	3974	9.08
1.64	71	77	84	91	97	104	3984	9.09
1.66	89	95	102	109	115	122	3994	9.10
1.68	106	113	120	127	133	140	4003	9.11
1.70	124	131	138	145	151	158	4013	9.12
1.72	142	149	156	163	170	177	4023	9.13
1.74	160	167	174	181	188	195	4032	9.14
1.76	177	185	192	199	206	213	4042	9.15
1.78	195	202	210	217	224	231	4051	9.15
1.80	213	220	228	235	242	250	4061	9.16
1.82	231	238	246	253	261	268	4070	9.17
1.84	249	256	264	271	279	286	4079	9.18
1.86	267	274	282	289	297	305	4089	9.19
1.88	285	292	300	308	315	323	4098	9.20
1.90	303	310	318	326	334	341	4107	9.20
1.92	321	328	336	344	352	360	4116	9.21
1.94	339	346	354	362	370	378	4126	9.22
1.96	357	365	373	381	389	397	4135	9.23
1.98	375	383	391	399	407	415	4144	9.24
2.00	393	401	409	417	425	434	4153	9.24
2.02	411	419	427	436	444	452	4162	9.25
2.04	429	437	445	454	462	471	4172	9.26
2.06	447	455	464	472	481	489	4181	9.27
2.08	465	473	482	491	499	508	4190	9.28
2.10	483	492	500	509	518	526	4199	9.28
2.12	501	510	519	527	536	545	4208	9.29
2.14	519	528	537	546	555	563	4218	9.30
2.16	537	546	555	564	573	582	4227	9.31
2.18	556	565	574	583	592	601	4236	9.31
2.20	574	583	592	601	610	619	4246	9.32

d FULL	DEADWEIGHT (METRIC TONNES)						MCT	TPC
	SPEC. GRAV. OF WATER (t/cbm)							
	1.000	1.005	1.010	1.015	1.020	1.025		
m	t	t	t	t	t	t	mt/m	t/cm
2.62	959	970	981	992	1003	1014	4457	9.49
2.64	977	988	1000	1011	1022	1033	4468	9.50
2.66	996	1007	1018	1030	1041	1052	4478	9.51
2.68	1014	1026	1037	1048	1060	1071	4489	9.52
2.70	1033	1044	1056	1067	1079	1090	4500	9.53
2.72	1051	1063	1074	1086	1097	1109	4511	9.54
2.74	1070	1082	1093	1105	1116	1128	4522	9.55
2.76	1089	1100	1112	1124	1135	1147	4533	9.55
2.78	1107	1119	1131	1143	1154	1166	4544	9.56
2.80	1126	1138	1150	1162	1173	1185	4555	9.57
2.82	1145	1157	1168	1180	1192	1204	4566	9.58
2.84	1163	1175	1187	1199	1211	1223	4577	9.59
2.86	1182	1194	1206	1218	1230	1243	4589	9.60
2.88	1201	1213	1225	1237	1250	1262	4600	9.61
2.90	1219	1232	1244	1256	1269	1281	4611	9.61
2.92	1238	1250	1263	1275	1288	1300	4623	9.62
2.94	1257	1269	1282	1294	1307	1319	4634	9.63
2.96	1275	1288	1301	1313	1326	1339	4646	9.64
2.98	1294	1307	1320	1332	1345	1358	4657	9.65
3.00	1313	1326	1339	1351	1364	1377	4669	9.66
3.02	1332	1345	1358	1371	1383	1396	4680	9.67
3.04	1351	1364	1377	1390	1403	1416	4692	9.68
3.06	1370	1383	1396	1409	1422	1435	4704	9.68
3.08	1388	1402	1415	1428	1441	1454	4716	9.69
3.10	1407	1421	1434	1447	1460	1474	4727	9.70
3.12	1426	1440	1453	1466	1480	1493	4739	9.71
3.14	1445	1459	1472	1485	1499	1512	4751	9.72
3.16	1464	1478	1491	1505	1518	1532	4763	9.73
3.18	1483	1497	1510	1524	1538	1551	4775	9.74
3.20	1502	1516	1529	1543	1557	1571	4787	9.75
3.22	1521	1535	1549	1562	1576	1590	4799	9.75
3.24	1540	1554	1568	1582	1596	1610	4811	9.76
3.26	1559	1573	1587	1601	1615	1629	4823	9.77
3.28	1578	1592	1606	1620	1634	1649	4835	9.78

2.22	592	601	610	620	629	638	4255	9.33
2.24	610	619	629	638	647	657	4265	9.34
2.26	628	638	647	657	666	675	4274	9.35
2.28	647	656	666	675	684	694	4284	9.35
2.30	665	674	684	694	703	713	4294	9.36
2.32	683	693	702	712	722	731	4303	9.37
2.34	701	711	721	731	740	750	4313	9.38
2.36	720	730	739	749	759	769	4323	9.39
2.38	738	748	758	768	778	788	4333	9.39
2.40	756	766	776	786	796	806	4343	9.40
2.42	775	785	795	805	815	825	4353	9.41
2.44	793	803	813	824	834	844	4363	9.42
2.46	811	822	832	842	853	863	4373	9.43
2.48	830	840	851	861	871	882	4384	9.44
2.50	848	859	869	880	890	901	4394	9.44
2.52	867	877	888	898	909	919	4404	9.45
2.54	885	896	906	917	928	938	4415	9.46
2.56	903	914	925	936	946	957	4425	9.47
2.58	922	933	944	954	965	976	4436	9.48
2.60	940	951	962	973	984	995	4446	9.49

3.30	1597	1611	1625	1640	1654	1668	4847	9.79
3.32	1616	1630	1645	1659	1673	1688	4859	9.80
3.34	1635	1650	1664	1678	1693	1707	4871	9.81
3.36	1654	1669	1683	1698	1712	1727	4884	9.81
3.38	1673	1688	1703	1717	1732	1746	4896	9.82
3.40	1693	1707	1722	1737	1751	1766	4908	9.83
3.42	1712	1726	1741	1756	1771	1786	4920	9.84
3.44	1731	1746	1761	1776	1790	1805	4933	9.85
3.46	1750	1765	1780	1795	1810	1825	4945	9.86
3.48	1769	1784	1799	1815	1830	1845	4957	9.87
3.50	1789	1804	1819	1834	1849	1864	4970	9.88
3.52	1808	1823	1838	1854	1869	1884	4982	9.88
3.54	1827	1842	1858	1873	1889	1904	4994	9.89
3.56	1846	1862	1877	1893	1908	1924	5007	9.90
3.58	1866	1881	1897	1912	1928	1943	5019	9.91
3.60	1885	1901	1916	1932	1948	1963	5031	9.92
3.62	1904	1920	1936	1952	1967	1983	5044	9.93
3.64	1924	1940	1955	1971	1987	2003	5056	9.94
3.66	1943	1959	1975	1991	2007	2023	5069	9.95
3.68	1962	1979	1995	2011	2027	2043	5081	9.95

Deadweight Scale

d FULL	DEADWEIGHT (METRIC TONNES)						MCT	TPC
	SPEC. GRAV. OF WATER (t/cbm)							
	1.000	1.005	1.010	1.015	1.020	1.025		
m	t	t	t	t	t	t	mt/m	t/cm
3.70	1982	1998	2014	2030	2046	2063	5093	9.96
3.72	2001	2018	2034	2050	2066	2083	5106	9.97
3.74	2021	2037	2053	2070	2086	2103	5118	9.98
3.76	2040	2057	2073	2090	2106	2122	5131	9.99
3.78	2060	2076	2093	2109	2126	2142	5143	10.00
3.80	2079	2096	2113	2129	2146	2162	5156	10.01
3.82	2099	2116	2132	2149	2166	2182	5168	10.01
3.84	2118	2135	2152	2169	2186	2203	5181	10.02
3.86	2138	2155	2172	2189	2206	2223	5194	10.03
3.88	2158	2175	2192	2209	2226	2243	5206	10.04
3.90	2177	2194	2211	2229	2246	2263	5219	10.05
3.92	2197	2214	2231	2248	2266	2283	5231	10.06
3.94	2216	2234	2251	2268	2286	2303	5244	10.07
3.96	2236	2253	2271	2288	2306	2323	5257	10.08
3.98	2256	2273	2291	2308	2326	2343	5270	10.08
4.00	2275	2293	2311	2328	2346	2364	5283	10.09
4.02	2295	2313	2331	2348	2366	2384	5295	10.10
4.04	2315	2333	2351	2368	2386	2404	5308	10.11
4.06	2335	2353	2370	2388	2406	2424	5321	10.12
4.08	2354	2372	2390	2408	2426	2444	5334	10.13
4.10	2374	2392	2410	2429	2447	2465	5347	10.14
4.12	2394	2412	2430	2449	2467	2485	5360	10.15
4.14	2414	2432	2450	2469	2487	2505	5373	10.15
4.16	2434	2452	2470	2489	2507	2526	5387	10.16
4.18	2453	2472	2490	2509	2528	2546	5400	10.17
4.20	2473	2492	2511	2529	2548	2566	5413	10.18
4.22	2493	2512	2531	2549	2568	2587	5427	10.19
4.24	2513	2532	2551	2570	2588	2607	5440	10.20
4.26	2533	2552	2571	2590	2609	2628	5453	10.21
4.28	2553	2572	2591	2610	2629	2648	5467	10.22
4.30	2573	2592	2611	2630	2649	2668	5481	10.23
4.32	2593	2612	2631	2651	2670	2689	5494	10.23
4.34	2613	2632	2651	2671	2690	2709	5508	10.24
4.36	2633	2652	2672	2691	2710	2730	5522	10.25
4.38	2653	2672	2692	2711	2731	2750	5536	10.26
4.40	2673	2693	2712	2732	2751	2771	5550	10.27
4.42	2693	2713	2732	2752	2772	2791	5564	10.28
4.44	2713	2733	2753	2772	2792	2812	5578	10.29
4.46	2733	2753	2773	2793	2813	2833	5592	10.30
4.48	2753	2773	2793	2813	2833	2853	5607	10.31
4.50	2773	2793	2814	2834	2854	2874	5621	10.32
4.52	2793	2814	2834	2854	2874	2894	5636	10.33
4.54	2814	2834	2854	2875	2895	2915	5650	10.34
4.56	2834	2854	2875	2895	2915	2936	5665	10.34
4.58	2854	2874	2895	2916	2936	2957	5680	10.35
4.60	2874	2895	2915	2936	2957	2977	5695	10.36
4.62	2894	2915	2936	2957	2977	2998	5710	10.37
4.64	2915	2935	2956	2977	2998	3019	5725	10.38
4.66	2935	2956	2977	2998	3019	3040	5741	10.39
4.68	2955	2976	2997	3018	3039	3060	5756	10.40
4.70	2976	2997	3018	3039	3060	3081	5772	10.41
4.72	2996	3017	3038	3060	3081	3102	5788	10.42
4.74	3016	3038	3059	3080	3101	3123	5804	10.43
4.76	3037	3058	3079	3101	3122	3144	5820	10.44

d FULL	DEADWEIGHT (METRIC TONNES)						MCT	TPC
	SPEC. GRAV. OF WATER (t/cbm)							
	1.000	1.005	1.010	1.015	1.020	1.025		
m	t	t	t	t	t	t	mt/m	t/cm
4.78	3057	3078	3100	3122	3143	3165	5836	10.45
4.80	3077	3099	3121	3142	3164	3185	5853	10.46
4.82	3098	3120	3141	3163	3185	3206	5869	10.47
4.84	3118	3140	3162	3184	3206	3227	5886	10.48
4.86	3139	3161	3183	3205	3226	3248	5903	10.49
4.88	3159	3181	3203	3225	3247	3269	5920	10.50
4.90	3180	3202	3224	3246	3268	3290	5937	10.51
4.92	3200	3222	3245	3267	3289	3311	5955	10.52
4.94	3221	3243	3265	3288	3310	3333	5972	10.53
4.96	3241	3264	3286	3309	3331	3354	5990	10.55
4.98	3262	3285	3307	3330	3352	3375	6009	10.56
5.00	3283	3305	3328	3351	3373	3396	6027	10.57
5.02	3303	3326	3349	3372	3394	3417	6045	10.58
5.04	3324	3347	3370	3393	3415	3438	6064	10.59
5.06	3345	3368	3391	3414	3436	3459	6083	10.60
5.08	3365	3388	3411	3435	3458	3481	6102	10.61
5.10	3386	3409	3432	3456	3479	3502	6121	10.62
5.12	3407	3430	3453	3477	3500	3523	6140	10.63
5.14	3428	3451	3474	3498	3521	3545	6159	10.64
5.16	3448	3472	3495	3519	3542	3566	6179	10.66
5.18	3469	3493	3516	3540	3564	3587	6198	10.67
5.20	3490	3514	3537	3561	3585	3609	6218	10.68
5.22	3511	3535	3559	3582	3606	3630	6237	10.69
5.24	3532	3556	3580	3604	3627	3651	6257	10.70
5.26	3553	3577	3601	3625	3649	3673	6277	10.71
5.28	3574	3598	3622	3646	3670	3694	6296	10.72
5.30	3595	3619	3643	3667	3692	3716	6316	10.74
5.32	3616	3640	3664	3689	3713	3737	6336	10.75
5.34	3637	3661	3685	3710	3734	3759	6355	10.76
5.36	3658	3682	3707	3731	3756	3780	6375	10.77
5.38	3679	3703	3728	3753	3777	3802	6394	10.78
5.40	3700	3724	3749	3774	3799	3823	6414	10.79
5.42	3721	3746	3770	3795	3820	3845	6433	10.80
5.44	3742	3767	3792	3817	3842	3867	6453	10.81
5.46	3763	3788	3813	3838	3863	3888	6472	10.83
5.48	3784	3809	3834	3860	3885	3910	6491	10.84
5.50	3805	3831	3856	3881	3906	3932	6509	10.85
5.52	3826	3852	3877	3903	3928	3953	6528	10.86
5.54	3848	3873	3899	3924	3950	3975	6547	10.87
5.56	3869	3894	3920	3946	3971	3997	6565	10.88
5.58	3890	3916	3941	3967	3993	4019	6583	10.89
5.60	3911	3937	3963	3989	4015	4040	6601	10.90
5.62	3933	3959	3984	4010	4036	4062	6618	10.91
5.64	3954	3980	4006	4032	4058	4084	6636	10.92
5.66	3975	4001	4027	4054	4080	4106	6653	10.93
5.68	3997	4023	4049	4075	4101	4128	6670	10.94
5.70	4018	4044	4071	4097	4123	4150	6686	10.95
5.72	4039	4066	4092	4119	4145	4171	6703	10.96
5.74	4061	4087	4114	4140	4167	4193	6719	10.97
5.76	4082	4109	4135	4162	4189	4215	6734	10.98
5.78	4103	4130	4157	4184	4210	4237	6750	10.99
5.80	4125	4152	4179	4205	4232	4257	6765	10.99
5.82	4146	4173	4200	4227	4254	4281	6780	11.00
5.84	4168	4195	4222	4249	4276	4303	6795	11.01

d FULL m	DEADWEIGHT (METRIC TONNES) SPEC. GRAV. OF WATER (t/cbm) 1.000 t	 1.005 t	 1.010 t	 1.015 t	 1.020 t	 1.025 t	MCT mt/m	TPC t/cm
5.86	4189	4216	4244	4271	4298	4325	6809	11.02
5.88	4211	4238	4265	4293	4320	4347	6823	11.03
5.90	4232	4260	4287	4314	4342	4369	6837	11.04
5.92	4254	4281	4309	4336	4364	4391	6851	11.04
5.94	4275	4303	4331	4358	4386	4413	6865	11.05
5.96	4297	4325	4352	4380	4408	4435	6879	11.06
5.98	4318	4346	4374	4402	4430	4458	6891	11.07
6.00	4340	4368	4396	4424	4452	4480	6904	11.08
6.02	4362	4390	4418	4446	4474	4502	6917	11.08
6.04	4383	4411	4440	4468	4496	4524	6930	11.09
6.06	4405	4433	4461	4490	4518	4546	6943	11.10
6.08	4427	4455	4483	4512	4540	4568	6955	11.11
6.10	4448	4477	4505	4534	4562	4591	6967	11.11
6.12	4470	4499	4527	4556	4584	4613	6979	11.12
6.14	4492	4520	4549	4578	4606	4635	6991	11.13
6.16	4513	4542	4571	4600	4629	4657	7003	11.13
6.18	4535	4564	4593	4622	4651	4680	7014	11.14
6.20	4557	4586	4615	4644	4673	4702	7026	11.15
6.22	4579	4608	4637	4666	4695	4724	7037	11.15
6.24	4600	4630	4659	4688	4717	4747	7049	11.16
6.26	4622	4651	4681	4710	4739	4769	[illegible]	11.17
6.28	4644	4673	4703	4732	4762	4791	7071	11.17
6.30	4666	4695	4725	4754	4784	4814	7082	11.18
6.32	4688	4717	4747	4777	4806	4836	7093	11.19
6.34	4709	4739	4769	4799	4829	4858	7104	11.19
6.36	4731	4761	4791	4821	4851	4881	7115	11.20
6.38	4753	4783	4813	4843	4873	4903	7126	11.20

M/V "ARKLOW VIKING"

Signal Letters : EIMZ

Official Number: 402665

GL -Register No.: 31 818

Datum		Name
bearb.		
gez.	19.04.90	
gepr.		
and.		

Schiffswerft Hugo Peters
Wewelsfleth
Peters & Co. G.m.b.H.

Capacity Plan

Neubau-Nr.: 627
Schiff :

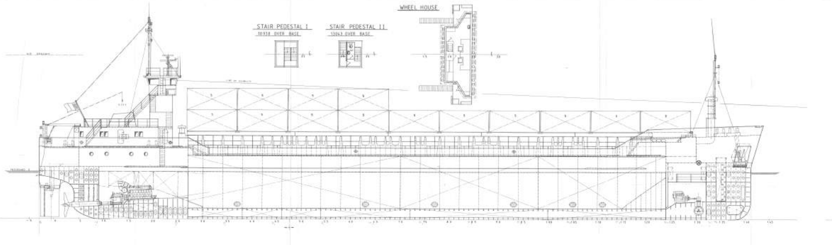
Ergänzung-Zeichnung:
Stückliste-Nr.:

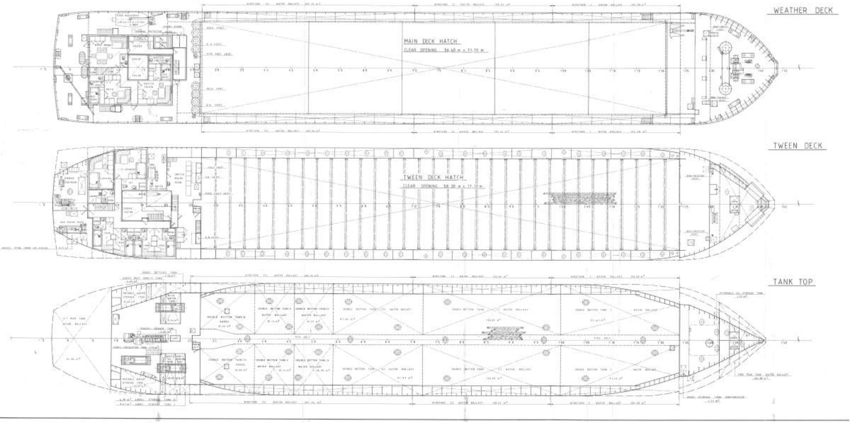
Maßstab: 1:200

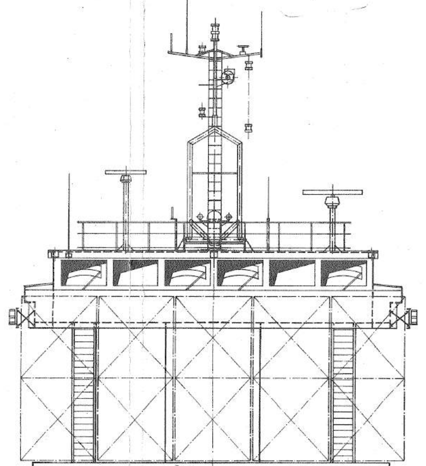
Zeichnung-Nr. 90/30

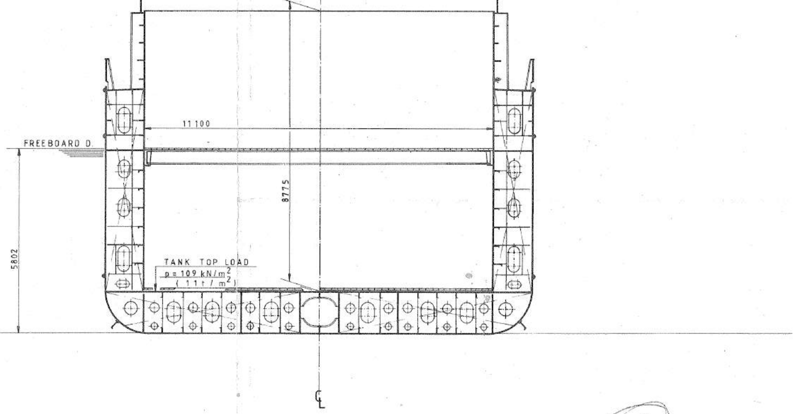
Baugruppe:

Reg.-Z.:


WHEEL HOUSE
STAIR PEDESTAL I
10938 OVER BASE
STAIR PEDESTAL II
13043 OVER BASE


WEATHER DECK
MAIN DECK HATCH
CLEAR OPENING 56.40 m x 11.10 m
TWEEN DECK
TWEEN DECK HATCH
CLEAR OPENING 58.20 m x 11.70 m
TANK TOP




11 100
FREEBOARD D.
8775
5802
TANK TOP LOAD
p = 109 kN/m²
(11 t / m²)
CL

GENERAL CARGO VESSEL

M.V. " ARKLOW VIKING "

Port of registry : ARKLOW

Distinctive nummer of letters : EIMZ

Yard number : 627

Owner adress : " ARKLOW VIKING "
INVERMORE Shipping Limited
North Quay , Arklow - County Wicklow
Ireland

TYPE HP 88.2 A

MAIN PARTICULARS :

Length overall		88,20 m
Length between p.p.		84,90 m
Breadth , moulded		13,60 m
Depth to main deck , moulded		7,70 m
Depth to tween deck , moulded		5,759m
Freeboard draught		5,802m
Air draught (above Base line)	appr.	20 m
International tonnage	2827 GT	1595 NT
Gross tonnage (Oslo rules)		1399 GRT
Deadweight all told on summer draught appr.		4261 t

Hold capacities :

Grain :	appr. 5.665 cbm	appr. 200.046 cbf
Bale :	appr. 5.665 cbm	appr. 200.046 cbf

Container capacity 20'× 8'× 8 1/2 '

Below deck :	105 TEU	
On deck :	68 TEU	
Total :	173 TEU	
Complement :		7

Propulsion : Marine diesel engine MaK type 8 M 332

Engine output : 1300 kW (1768 HP) at 750 rpm

Trial speed with MCR on ballast draught appr. 11,5 kts.

Classification : GL + 100 A 4 E with freeboard 1,920 m "G"
"Strengthened for heavy cargo "
" Equipped for carriage of containers "
+ MC E AUT

FORESTER

	Datum	Name		
bearb			GENERAL ARRANGEMENT PLAN	Maßstab 1 : 100
gez	8.05.89	F.		
gepr				
geä	7.9.89	F.	Neubau-Nr Schiff: 627	Zeichnung-Nr 89 - 291
Schiffswerft Hugo Peters Wewelsfleth Peters & Co. G.m.b.H.			Ergänzung-Zeichnung Stücklisten-Nr	Baugruppe Reg.-Z 6