

m.v. Ourania Luck

Panamax bulkcarrier deadweight: 75,961 m.t. built: Japan 2000



m.v. Ourania Luck

Bulk Carrier - Panamax

75,961 DWT

m.v. Ourania Luck

Builders	: Shin Kurushima Dock Yards Co.Lrd - Japan
Hull Number	: 3 5 3 0
Delivery Date	: 05 December 2000
Previous Names	: "Lowlands Comfort"
Owners	: Ourania Luck Shipping Corporation - Majuro - Marshall Islands
Owners IMO number	: 5 4 0 5 7 5 4
Managers	: Prosperity Bay Shipping Co. Ltd 124 Vouliagmenis Ave., 166 74 Glyfada, Athens - Greece Phone: +30 210 4225127, Fax: +30 210 4225130, e-mail: info@prosperity.gr, www.prosperity.gr
Port of Registry	: Majuro
Registered Flag	: Marshall Islands
Official Number	: 3 4 4 5
Call Sign	: V7QV5
Vessel's IMO Number	: 9 2 1 8 4 2 8
Telephone No	: (Ocean's Region) 353847478
Fax	: 00870353847480
Telex No	: 453833653LUCK
E-mail (with attach.)	: ourania.luck@gtships.com
E-mail (without attach.)	: 453833653@stratosmobile.net
Classification Society	: Lloyds Register
Class Notation	: NK NS* (Bulkm Carrier, Strength for Heavy Cargoes, Hold 2,4 and 6 may be empty) ESP MNS*
NK ID Number	: NK02339
P&I Club	: SKULD - Ruselokkvn. 26, Oslo Norway, Phone: 0047 2200 2200, Fax: 0047 2242 4222, e-mail: osl@skuld.com SKULD - HELLAS - Filellinon 1-3, GR 185 36 Piraeus, Phone: +30 210 459 4190, Fax: +30 210 459 4194, e-mail: ath@skuld.com

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Dimensions - Distances (in mtrs)

Length over all	: 224.99	Breadth Moulded	: 32.26
Length B.P	: 217.00	Depth Moulded	: 19.30
Accomodation to Forward End	: 195.00	Accomodation to After End	: 30.00
Tank Top to Top of Hatch Coaming	: 22.05		
Distance from fore Part of No.1 to After Part of No.7	: 172.700		
Distance from Keel to Hatch Covers	:	Holds	No.7 22.000
			No.4 22.25
			No.1 22.50
Height from Keel to Radar Mast	: 52.230		

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Tonnage (in metric tons)

Light Vessel	:	9,976.0	Suez Canal	:	N.R.T	:	38,420.800
N.R.T	:	25,373			G.R.T	:	40,827.780
G.R.T	:	39,126	Panama Canal	:	N.R.T	:	32,358,90
Deadweight	:	75,961			G.R.T	:	39,126.00
Lightweight	:	9,976					

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Air Drafts

Air Drafts		No.1 Hold	No.2 Hold	No.3 Hold	No.4 Hold	No.5 Hold	No.6 Hold	No.7 Hold
LIGHT BALLAST	Ballast: 22,535.20 mt	16.80	16.20	15.90	15.75	15.60	15.30	15.50
	Bunkers: 1,430 mt							
	FW: 170 mt							
HEAVY BALLAST	Ballast: 35,147.00 mt	14.85	14.10	13.80	13.50	13.40	13.15	12.90
	Bunkers: 1,430.00 mt							
	FW: 170 mt							
LOADED	Cargo: 74,130.00 mt	8.40	7.95	7.95	7.95	7.95	7.95	7.95
	Bunkers: 1,430.00 mt							
	FW: 170 mt							

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Holds - Hatches

CARGO HOLDS FITTINGS

Hold's Ventilation	:	Natural
CO2 at Cargo Holds	:	No
Hold Ladder	:	Australina Holds Ladders
Location of Ladders	:	Hold No.1 Aft - Hold No.2, No3, No,4, No.5, No,6, No.7 Fore.

HATCH COVERS

Makers	:	Steel Mac Gregor Hatch Covers
Type	:	Two(2) panels side rolling type, weathertight steel hatch cover operated by chain with hydraulic oil motor.
Hydraulic Pump	:	
Hatch Coaming Height	:	

HATCH COVERS DIMENSIONS (IN METERS)

No	1	2	3	4	5	6	7
Length	16.15	18.70	18.70	18.70	18.70	18.70	18.70
Breadth	12.80	14.00	14.00	14.00	14.00	14.00	14.00

HOLDS DIMENSIONS / CAPACITIES

D I M E N S I O N S					C A P A C I T I E S			
No	Length	Breadth (Fore Aft in mts)	Height		In Grain		In Bale	
					m ³	ft ³	m ³	ft ³
1	28.20	27.20 x 32.10	21.10		12,904.18	455,708.00	12,318.51	435,025.00
2	24.60	32.10	19.50		12,960.82	457,708.00	12,390.57	437,570.00
3	24.60	32.10	19.50		12,963.62	457,807.00	12,398.99	437,867.00
4	24.60	32.10	19.50		12,297.28	434,275.00	11,818.79	437,867.00
5	24.60	32.10	19.50		12,963.61	457,807.00	12,400.59	437,924.00
6	24.60	32.10	19.50		12,977.83	458,309.00	12,408.51	438,203.00
7	27.90	32.10 x 31.10	19.50		13,097.67	462,541.00	12,739.88	449,906.00
TOTAL					90,165.01	3,184,155.00	86,475.84	3,053,873.00

TANK TOP FLAT AREA
DIMENSIONS

Hold No	Tanktop			
1	L		28.20	473.76 m ²
	B	FWT	8.10	
		MID	19.50	
		AFT	22.80	
2	L		22.80	519.84 m ²
	B		22.80	
3	L		22.80	519.84 m ²
	B		22.80	
4	L		20.40	465.12 m ²
	B		22.80	
5	L		22.80	519.84 m ²
	B		22.80	
6	L		22.80	519.84 m ²
	B		22.80	
7	L		27.00	429.30 m ²
	B	FWT	22.80	
		MID	16.80	
		AFT	8.10	

MAXIMUM PERMISSIBLE
LOADINGS (IN MT/M²)

Tanktop Hold No	Homogeneous Cargo
1	41.00
2	36.00
3	36.00
4	36.00
5	39.00
6	36.00
7	44.00

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Tank Capacities

WATER BALLAST TANKS

Tank Name	Capacity (m³)	Specific Gravity	m³
Fore Peak Tk	1,700.00	1.025	1,742.50
No.1 W.B.Tks (P+S)	2,453.64	1.025	2,514.98
No.2 W.B.Tks (P+S)	5,874.42	1.025	6,021.28
No.3 W.B.Tks (P+S)	3,148.07	1.025	3,226.77
No.4 W.B.Tks (P+S)	5,250.04	1.025	5,381.29
No.5 W.B.Tks (P+S)	2,626.44	1.025	2,692.10
A.P.T (P)	481.21	1.025	493.24
A.P.T (S)	451.73	1.025	463.02
TOTAL LIGHT BALLAST			22,535.19
No.4 Hold	12,304.16	1.025	12,611.76
TOTAL HEAVY BALLAST			35,146.95

FRESH WATER TANKS

Tank Name	Capacity (m³)	Specific Gravity	m³
Drinking Water Tank (P)	165.56	1.000	165.56
Fresh Water Tanks (S)	165.56	1.000	165.56
TOTAL			331.12

FUEL OIL TANKS

Tank Name	Capacity (m³)	Specific Gravity	Full Capacity (m³)	90% Weight
No.1 F.O.T ©	612.64	0.980	600.39	540.35
No.2 F.O.T ©	611.98	0.980	599.74	539.77
No.3 F.O.T ©	611.96	0.980	599.72	539.75
No.4 F.O.T ©	405.51	0.980	397.40	357.66
No.5 F.O.T (S)	408.62	0.980	400.45	360.40
No.5 F.O.T (P)	408.62	0.980	400.45	360.40
F.O.O.F.T	21.51	0.980	21.08	21.08
F.O. Service Tank	20.65	0.980	20.24	18.21
F.O.Settling Tanks	20.65	0.980	20.24	18.21
TOTAL			3,059.70	2,755.84

DIESEL OIL TANKS

Tank Name	Capacity (m³)	Specific Gravity	Full Capacity (m³)	90% Weight
D.O.T (P)	105.61	0.850	89.77	80.79
D.O.T (S)	105.61	0.850	89.77	80.79
D,O Service Tank	20.65	0.850	17.55	15.80
TOTAL			197.09	177.38

Main Engine	: 1 set
Makers	: KAWASAKI HEAVY INDUSTRIES ,LTD.
Type	: KAWASAKI - MAN B & W 7 S 50 MC-C
Size	MCO : 9340 Kw / 122 RPM CSO : 7940 kW / 116 RPM Ser. No 7884 Barred Speed : 43-54 RPM
Main D. Eng. Turbocharger	: 1 set
Makers	: IHI -ABB
Type	: VTR 564 D - 32
Size	: V13117 H09113 W54110 E03114 U122 L26100 T03100
Main D. Eng. Aux. Blower	: 2 sets
Makers	: TAIYO ELECTRIC MFG CO LTD.
Type	: MODEL :TB-57W-4 45 Kw – 74 Amp.
Size	: 45 Kw – 74 Amp.
Main D. Eng.Governor	: 1 set
Makers	: NABCO LTD
Type	: MG 800
Size	:
Tailshaft (Working)	: 1 set
Makers	: SHIN KURUSHIMA
Type	: Mean Diam. 480 mm
Size	: L.O.A 6155 mm Weight 8.51 tn
Intermediate Shaft	: 1 set
Makers	: SHIN KURUSHIMA
Type	: Mean Diam. 415mm
Size	: L.O.A 6500 mm Weight 7.48 tn
Propeller (Working)	: 1 set
Makers	: NAKASHIMA
Type	: FIXED PITCH , KEYLESS
Size	: Diam. 6050mm Pitch 4040 mm Weigth:18730 Kg
Stern Tube Sealing Device	: 1 set
Makers	: KOBELCO MARINE ENG.CO.,LTD.
Type	: COMPACT SEAL DX-530 (AFT) COMPACT SEAL CX-530 (FWD)
Size	: 530 mm DWG NoDX 53001, Ser . No X-32251
Main D. Eng. Remote Control	: 1 set
Makers	: NABCO LTD
Type	: C / R MONITORING SYSTEM
Size	:
Aux. Diesel Engines	: 3 Sets
Makers	: DAIHATSU DIESEL MFG .CO,LTD
Type	: DAIHATSU 5 DK - 20
Size	: 440 kW – 720 RPM
Alternators (Main)	: 3 Sets
Makers	: TAIYO ELECTRIC CO, LTD.
Type	: DROP PROOF ,BRUSHLESS
Size	: 500 KVA - 450V - 60Hz - 3P
Auxiliary Boiler (Oil Fired -Ex. Gas)	: 1 set
Makers	: TORTOISE ENGINEERING CO,LTD
Type	: SMOKE TUBE VERTICAL COMPOSITE
Size	: 1200 Kg/hr – 0.69 MPa HEATING SURFACE : 205.38 M 2

Aux. Boiler Aut. Oil Burner Makers Type Size	: 1 set : SUNFLAME CO,LTD : SSC-5 FORCED DRAFT PRESSURE-JET SYSTEM : 106 Kg / Hr - 380 cSt /50 oC
Main Air Compressors Makers Type Size	: 2 Sets : YANMAR DIESEL ENGINE CO,LTD : VERTICAL 2-STAGE WATER COOLER : 135 m3/Hr -2.94 MP – 1200 RPM
Main Air Receivers Makers Type Size	: 2 Sets : HEMMI IRON WORKS CO, LTD : STEEL WELDED : 4.5 m3 – 2,94 MPa
Aux. Air Receiver Makers Type Size	: 1 set : DAIHATSU DIESEL MFG. CO, LTD : STEEL WELDED : 0.08 M3 – 2.94 MPa
Heavy Oil Purifiers Makers Type Size	: 2 Sets : MITSUBISHI KAKOUKI KAISYA, LTD : SJ 30 F : 2200 Ltrs /Hr
Lubric.Oil Purifiers Makers Type Size	: 2 Sets : MITSUBISHI KAKOUKI KAISYA, LTD : SJ 30 F : 2100 Ltrs /Hr
M.Eng. Jacket Cool.W. Pump Makers Type Size	: 2 Sets : HEISHIN PUMP WORKS CO,LTD : VERTICAL CENTRIFUGAL HLK – 90 G : 98 M 3 / Hr - 15 kW
M.Eng. Lubric.Oil Pump Makers Type Size	: 2 Sets : HEISHIN PUMP WORKS CO,LTD : VERTICAL CENTRIFUGAL SMK – 200 H : 230 M 3 / Hr - 60 kW
M.Eng.Exh.V.Driv.O.Pump Pump Makers Type Size	: 2 Sets : HEISHIN PUMP WORKS CO,LTD : HORIZONTAL GEAR M – 3 B : 2.5 M 3 / Hr - 1.5 kW
M.Eng. Fuel Oil Circ. Pump Makers Type Size	: 2 Sets : HEISHIN PUMP WORKS CO,LTD : VERTICAL GEAR MAU-8065-2T : 10 M 3 / Hr - 7.5 kW
M.Eng. Fuel Oil Supply Pump Makers Type Size	: 2 Sets : HEISHIN PUMP WORKS CO,LTD : VERTICAL GEAR MAU-4032-1T : 3 M 3 / Hr - 2.2 kW
No 1 Main Cooling Sea W. Pump Makers Type Size	: 2 Sets : HEISHIN PUMP WORKS CO,LTD : VERTICAL CENTRIFUGAL RVD – 450 : 460 M 3 / Hr - 37 kW
No 2 Main Cooling Sea W. Pump Makers Type Size	: 2 Sets : HEISHIN PUMP WORKS CO,LTD : VERTICAL CENTR. (with vacuum) RVD – 450 : 460 M 3 / Hr - 37kW
Auxil. Sea W. Services Pump Makers Type Size	: 1 set : HEISHIN PUMP WORKS CO,LTD : VERTICAL CENTRIFUGAL HLY – 35 F : 40M 3 / Hr - 7.5 kW
Air Washer Cool. S.W.Pump Makers Type Size	: 1 set : HEISHIN PUMP WORKS CO,LTD : VERTICAL CENTRIFUGAL HLY – 25 M : 20 M 3 / Hr - 7.5 kW

Ballast S.W. Pump	: 2 Sets
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL CENTRIFUGAL RVD – 1200D
Size	: 1250 M 3 / Hr - 132 kW
Fire ,Bilge & Ballast S.W.Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL CENTR. (with vacuum) VSK-250L
Size	: 165/380 M 3 / Hr - 80 kW
Fire & G.S Sea Water Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL CENTR. (with vacuum) VSK-250L
Size	: 165/380 M 3 / Hr - 80 kW
Lubric.Oil Transfer Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL GEAR MAU-6550-1
Size	: 5 M 3 / Hr - 3.7 kW
Heavy Oil Transfer Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: HORIZONTAL GEAR M-20B
Size	: 20 M 3 / Hr - 7.5 kW
Diesel Oil Transfer Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL GEAR MAU-6550-1
Size	: 5 M 3 / Hr - 3.7 kW
Oily Bilge Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: HORIZONTAL PISTON HP-2A
Size	: 2 M 3 / Hr - 1.5 kW
Fuel Oil Sludge Pump	: 1 set
Makers	: HEISHIN ENGIN .& EQUIP. CO,LTD
Type	: HORIZONTAL SNAKE NE-30 PM
Size	: 3 M 3 / Hr - 1.5 kW
Bilge Oily Water Separator (15PPM)	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: HMS - 200
Size	: 2 M 3 / Hr
Fresh Water Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL CENTRIFUGAL UHY – 5 J
Size	: 5 M 3 / Hr - 3.7 kW
Drink Water Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL CENTRIFUGAL UHY – 5 J
Size	: 5 M 3 / Hr - 3.7 kW
Hot Water Circ. Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: HORIZONTAL CENTRIFUGAL HLY – 2D
Size	: 2 M 3 / Hr - 0.4 kW
Boiler Feed Water Pump	: 2 Sets
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: HORIZONTAL CENTRIFUGAL WY – 2YA
Size	: 2.6 M 3 / Hr - 5.5 kW
Boiler F.O Circ. Pump	: 1 set
Makers	: SUNFLAME CO, LTD
Type	: TROCHOIDAL GEAR TOP - 204
Size	: 371 Kg / Hr - 0.2 kW

M / E Air Cooler Clean	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: HORIZONTAL CENTRIFUGAL PSY – 6G
Size	: 2 M 3 / Hr - 1.5 kW
Distilling Plant Ejector Pump	: 1 set
Makers	: SASAKURA
Type	: VERTICAL CENTRIFUGAL
Size	: 60 M 3 / Hr - 15 kW
Distillate Pump for F.W.Gnr.	: 1 set
Makers	: SASAKURA
Type	: HORIZONTAL CENTRIFUGAL
Size	: 1.2 M 3 / Hr - 0.75 kW
Fresh Water Generator	: 1 set
Makers	: SASAKURA
Type	: LOW PRESS. (WITH M/E JACKET WATER HEATING)
Size	: 25 Ton / 24Hrs
M.Eng.Lub. Oil Cooler	: 1 set
Makers	: ALFA LAVAL K.K
Type	: PLATE COOLER
Size	: 230 M 2
M . Eng. Jacket C.W. Cooler	: 1 set
Makers	: YAMASHINA SEIKI CO,LTD
Type	: SHELL & TUBE
Size	: 32 M 2
Steam Condenser (Drain Cooler)	: 1 set
Makers	: YAMASHINA SEIKI CO,LTD
Type	: SHELL & TUBE
Size	: 6 M 2
Main Engine Air Cooler	: 1 set
Makers	: KAWASAKI HEAVY INDUSTRIES ,LTD.
Type	: BKKN577S – F2
Size	: (LxWxH)167 x91 x847mm –2300Kg
Heavy Oil Purif. Heater	: 2 Sets
Makers	: AALBORG INDUSTRIES K . K .
Type	: BENDEK
Size	: 2.2 M 2 /H r
Lub.Oil Purifier Heater	: 2 Sets
Makers	: AALBORG INDUSTRIES K . K .
Type	: BENDEK
Size	: 2.1 M 2/Hr
Main Engine Fuel Oil Preheater	: 1 set
Makers	: AALBORG INDUSTRIES K . K .
Type	: BENDEK
Size	: 10 M 2/Hr
Main Engine Jacket W.Line Heater	: 1 set
Makers	: YAMASHINA SEIKI CO,LTD
Type	: SHELL & TUBE
Size	: 1 M 2
Main Eng. Lubric. Oil Disch.Filter	: 1 set
Makers	: KANAGAWA KIKI
Type	: MANUAL BACK WASH
Size	: 230 M 3/Hr (40 µ)
Domestic Calorifier	: 1 set
Makers	: YAMASHINA SEIKI CO,LTD
Type	: SHELL & TUBE
Size	: 0.5 M 2
Domestic Calorifier (Electric)	: 1 set
Makers	: UZUSHIO ELECTRIC CO, LTD
Type	: ELECTRIC
Size	: 35 kW

Main Switchboard	: 1 set
Makers	: UZUSHIO ELECTRIC CO, LTD
Type	: DEAD – FRONT , FLOOR - STAND
Size	:
Emergency Switchboard	: 1 set
Makers	: UZUSHIO ELECTRIC CO, LTD
Type	: DEAD – FRONT , FLOOR - STAND
Size	:
Emergency Diesel Engine	: 1 set
Makers	: DEUTZ AG
Type	: BF 6 L 913
Size	: 82 kW – 1800 RPM
Emergency Alternator	: 1 set
Makers	: MITSUI ZOSEN MACHINERY & SERVICE , INC.
Type	: DRIP-PROOF BRUSHLESS
Size	: 90kVA
Emergency Fire Pump	: 1 set
Makers	: HEISHIN PUMP WORKS CO,LTD
Type	: VERTICAL CENTR. (with vacuum) VSK-150L
Size	: 110 M 3 / Hr - 45kW
Transformers (Working)	: 3 Sets
Makers	: UZUSHIO ELECTRIC CO, LTD
Type	: DRIP-PROOF , DRY & AIR-COOL
Size	: 25 kVA / 10 kVA / 10 kVA
Lifeboat Engines (PRT & STB)	: 2 Sets
Makers	: YANMAR DIESEL ENGINE CO,LTD
Type	: MODEL: 3JH25A
Size	: 18,4 kW – 3200 RPM
Life Boat Davit	: 2 Sets
Makers	: MANSE INDUSTRY CO,LTD
Type	: GRAVITY HINGED M- 7
Size	: Max Load :5250kg Min : 1700kg
Steering Gear	: 1 set
Makers	: HYD. MACHINERY DIN. KAWASAKI HEAVY IND,LTD.
Type	: RV22 – 086 – H RAPSON – SLIDE
Size	: 1 Ram / 2 Cylinders
Steering Eng. Pumps / Motors	: 2 Sets
Makers	: HYD. MACHINERY DIN. KAWASAKI HEAVY IND,LTD.
Type	: LV-030-410R10
Size	: 15 kW - 1800 RPM
Cold Stores Refrig. Plants	: 1 set
Makers	: USHIO REINETSU CO,LTD
Type	: URS-3.0 SSSC
Size	: 2170 (kcal/h) – R22
Refrig. compressor	: 2 Sets
Makers	: USHIO REINETSU CO,LTD
Type	: SEMI HERMETIC CARLYLE (06DR109)
Size	: 30 kW – 5,5 A
Air Cond. Plant (Central Unit)	: 1 set
Makers	: USHIO REINETSU CO,LTD
Type	: UAD-26SSSC
Size	: 89000 Kcal/Hr - R22
Refrig. compressor	: 1 set
Makers	: USHIO REINETSU CO,LTD
Type	: SEMI HERMETIC CARLYLE (06E6275)
Size	: 26 Kw – 52 A
Control Room Unit Cooler	: 1 set
Makers	: USHIO REINETSU
Type	: PACKAGED
Size	: 10,47 kW / HEATER 6 kW

Engine Room Vent. Fans Makers Type Size	: 2 Sets : INDUSTRY CO , LTD : AXIAL NON - REVERSIBLE : 900 M 3 / Min - 11 / kW
Engine Room Vent. Fans Makers Type Size	: 1 set : INDUSTRY CO , LTD : AXIAL REVERSIBLE : 500 M 3 / MIN - 7.5 kW
Purifier Extractor Fan Makers Type Size	: 1 set : INDUSTRY CO , LTD : AXIAL NON - REVERSIBLE : 100 M 3 / MIN - 1.5 kW
Hydraul. Remote Control Valves for C. Holds / Bottom Ballast Tanks Makers Type Size	: 1 set : NAKAKITA SEISAKUSHO CO, LTD : NP 145B00 :
Workshop Lathe Makers Type Size	: 1 set : SAITA IRON IND. : DM – 3HS 600 : Center Spam 600 mm
Drilling Machine Makers Type Size	: 1 set : NAKANE MHG. : BENCH TYPE : 19 Ømm
Grinding Machine Makers Type Size	: 1 set : SHOWA ELECT. : DOUBLE HEAD : 205 Ømm / 3600 RPM
Engine Room Crane Makers Type Size	: 1 set : SEKIGAHARA : MOTOR DRIVEN MODEL MSA-2 TON : 2 / Ton
Deck Crane Makers Type Size	: 1 set : KOEI SANGYO CO,LTD. : ELECTRIC KCT 40 – 10.5 NE : 4 Ton x 9 M / Min
Sewage Treatment Unit Makers Type Size	: 1 set : TAIKO KIKAI IND. : MODEL SBT-25 : 25 Person / Day
Incinerator Unit Makers Type Size	: 1 set : SUNFLAME : MODEL OSV – 600 SAI : 2160 MJ/Hr
Marine Growth Prevention Device Makers Type Size	: 1 set : CHUO KOSAN CO,LTD. : C-TEC SYSTEM : 562 M 3 / Hr (Max)
Fuel Oil Shifter Pump Makers Type Size	: 1 set : ESU TECH CO, LTD : TROCHOID : 1404 ~ 5616 Ltr/Hr

DRAFTS & DEADWEIGHTS

Drafts	Freeboard		Deadweight	
	Metres	Feet	Metres	Metric tons
Tropical Fresh Water	14.646	48.051	4.703	77,839
Fresh	14.354	47.093	4.995	75,956
Tropical	14.321	46.984	5.028	77,887
Summer	14.029	46.026	5.320	75,961
Winter	13.737	45.068	5.612	74,041

DRAFTS & DEADWEIGHTS

Draft		SW Displacement	FW Displacement	Draft		SW Displacement	FW Displacement
Metres	Feet	Metric Tons		Metres	Feet	Metric Tons	
14.00	45.93	75,771.000	73,640.00	11.00	36.09	56,248.00	54,117.00
13.90	45.60	75,113.000	72,982.00	10.75	35.27	54,643.00	52,512.00
13.80	45.28	74,455.000	72,324.00	10.50	34.45	53,040.00	50,909.00
13.70	44.95	73,798.000	71,667.00	10.25	33.63	51,439.00	49,308.00
13.60	44.62	73,141.000	71,010.00	10.00	32.81	49,841.00	47,710.00
13.50	44.29	72,485.000	70,354.00	9.75	31.99	48,246.00	46,115.00
13.40	43.96	71,829.000	69,698.00	9.50	31.17	46,654.00	44,523.00
13.30	43.64	71,174.000	69,043.00	9.25	30.35	45,066.00	42,935.00
13.20	43.31	70,519.000	68,388.00	9.00	29.53	43,481.00	41,350.00
13.10	42.98	69,865.000	67,734.00	8.75	28.71	41,900.00	39,769.00
13.00	42.65	69,211.000	67,080.00	8.50	27.89	40,322.00	38,191.00
12.90	42.32	68,558.000	66,427.00	8.25	27.07	38,748.00	36,617.00
12.80	41.99	67,905.000	65,774.00	8.00	26.25	37,177.00	35,046.00
12.70	41.67	67,253.000	65,122.00	7.75	25.43	35,611.00	33,480.00
12.60	41.34	66,601.000	64,470.00	7.50	24.61	34,048.00	31,917.00
12.50	41.01	65,945.000	63,814.00	7.25	23.79	32,489.00	30,358.00
12.40	40.68	65,300.000	63,169.00	7.00	22.97	30,934.00	28,803.00
12.30	40.35	64,649.000	62,518.00	6.75	22.15	29,383.00	27,252.00
12.20	40.03	64,000.000	61,869.00	6.50	21.33	27,836.00	25,705.00
12.10	39.70	63,351.000	61,220.00	6.25	20.51	26,292.00	24,161.00
12.00	39.37	62,702.000	60,571.00	6.00	19.69	24,751.00	22,620.00
11.90	39.04	62,054.000	59,923.00	5.75	18.86	23,215.00	21,084.00
11.80	38.71	61,407.000	59,276.00	5.50	18.04	21,682.00	19,551.00
11.70	38.39	60,760.000	58,629.00	5.25	17.22	20,154.00	18,023.00
11.60	38.06	60,114.000	57,983.00	5.00	16.40	18,629.00	16,498.00
11.50	37.73	59,468.000	57,337.00	4.75	15.58	17,108.00	14,977.00
11.40	37.40	58,823.000	56,692.00	4.50	14.76	15,591.00	13,460.00
11.30	37.07	58,179.000	56,048.00	4.25	13.94	14,080.00	11,949.00
11.20	36.75	57,535.000	55,404.00	4.00	13.12	12,513.00	10,382.00
11.20	36.75	56,891.000	54,760.00	3.75	12.30	11,072.00	8,941.00

Tons per one centimeter Immersion for 14,00 mtrs draft are 65,5 m/tons

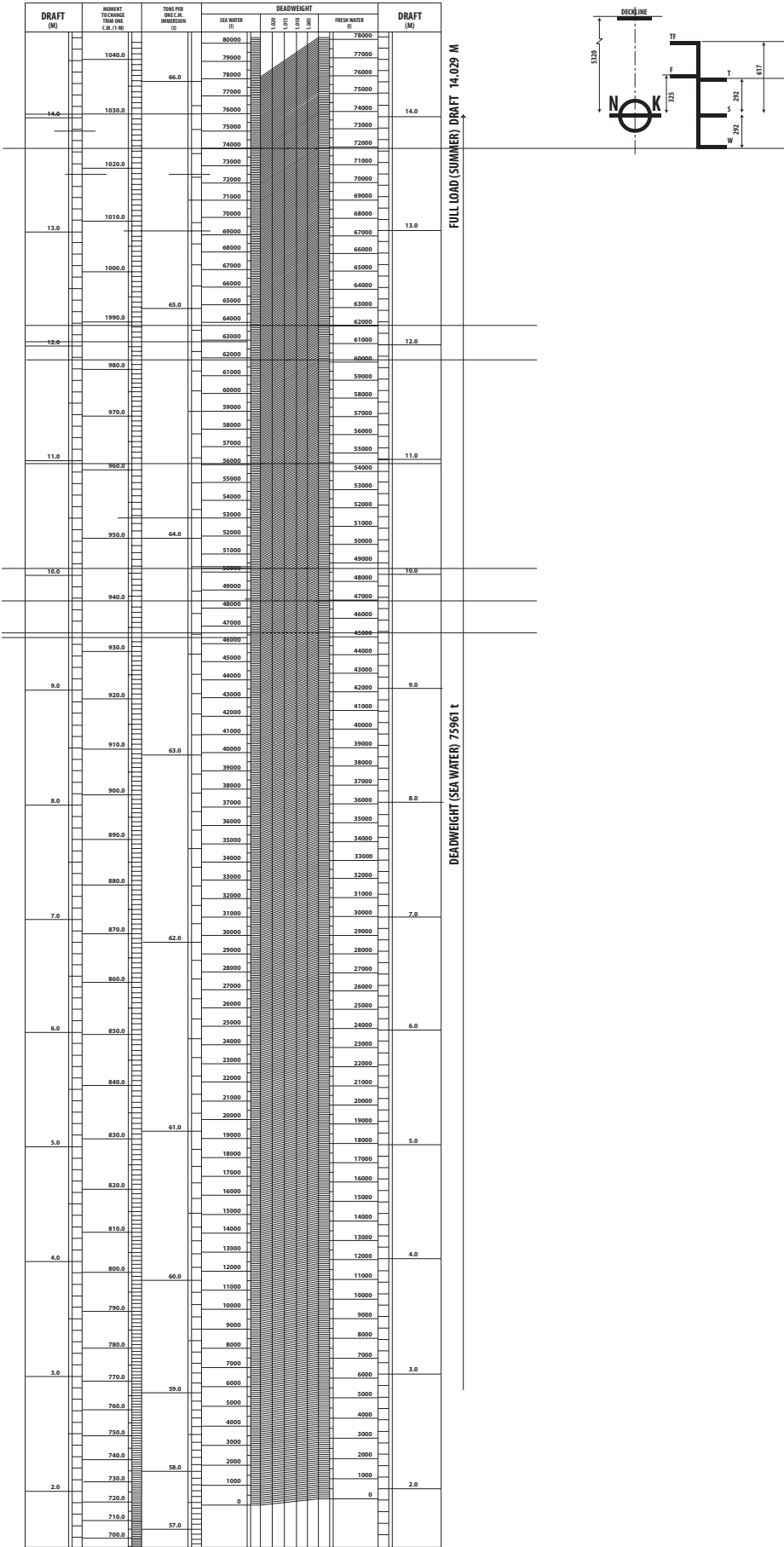
Costants: 500 m/tons exluding Fresh Water.

Speed /Consumption

Speed Ladden about 13,00 knots on abt 35 m/t ifo 380 CST.
Speed Ballast about 13,50 knots on abt 35 m/t ifo 380 CST.
Above Speed in Good Weather Conditions, up to and including maximum force 4 on the beaufort wind scale and without any adverse current.
Consumption at Anchorage 3 m/t of ifo daily.
Consumption in Port 4 m/t ifo plus 1 m/t of mdo daily.
Vessel burns mdo when navigating in shallow-narrow waters/canals/rivers etc.



Deadweight Scale



The vessel's details given above are for guidance only. Neither the Owners nor the Managers of the vessel can guarantee their accuracy.
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