T/V Kition
Ship’s Particulars

MT " KITION " - C6TB9 - DOUBLE HULL CRUDE OIL TANKER

Port of Registry :	Nassau	Flag : Bahamas
IMO Number :	9074561	
Offical Number :	8000683	
Owner :	Kition Shipping Co.Ltd. of Liberia	

Inmarsat - A	Tlx/Tel	1735317 - Fax 1735321
Inmarsat - C	Tlx	431157210
Mini - M	Tel	763913616 - Fax 763913618
E-mail		master@kition.seaservices.net

Main Dimension

L.O.A.	243.293 m	791
LBP	233.00 m	137
Breadth Moulded	41.806 m	
Depth Moulded	19.997 m	
Design Draft/DWMT	12.20 m	83,678 MT
Scantling Draft/DWMT	13.617 m	96,315 MT
Light Weight		14,568.2 MT
Ballast Water Capacity	43%	41,107 MT

Ballast Draft (10%Stores) FR=6.61-AFT=6.88-M=6.74

TPC at 13.60 Draft		89.8 MT
Top of mast to keel		45.75 m
Top of mast to waterline (Lightship	=	42.00 m
Top of mast to waterline (Ballast)	=	39.00 m
Top of mast to waterline (Loaded)	=	32.15 m
Block Coeficient	=	0.8129

Parallel Body Length :

Light Ship	82.8 m
Ballast Condition	114.8 m
Full Load Condition	129.8 m

Classification ***D.N.V.*** **No. 18321**

+1A1,"Tanker for Oil",+MV,EO,COW,INERT

Tonnage

International GRT	53,829	SBT 12,229
International NRT	27,269	
Suez Tonnage	55,345	

Cargo Capacity	Cb.m	100%	98%
7 C.O. Tanks		106,547.50	104,416.55
2 Slop Tanks		3,323.60	3,257.13
Total	Cb.m	109,871.1	107,673.68
Total	BBLS	691,067.24	677,245.90

Cargo Segregation		3 (Three)	100% Capacity
Group 1 C.O. Tks	1 - 4 - 7	= 42,349 Cb.M = 38.5%	
Group 2 C.O. Tks	2 - 5 - Slops	= 35,109 Cb.M = 32%	
Group 3 C.O. Tks	3 - 6	= 32,413Cb.M = 29.5%	
Slack C.O. Tks		Tanks 1 - 5 & 6 can be slack	

Fuel Oil Capacity	2,585 MT	98% S.G 0.98
Diesel Oil Capacity	105 MT	98% S.G 0.90
Fresh Water Capacity	254 MT	

Speed / Consumption (M.E.)

Knots	Blst	Laden 12.2	Laden 13.6	
14.4	38	38.7		+ 2.5 for Generator
14	32.5	35.9	38	+ 2.5 for Generator
13.5	29	31.7	34.5	+ 2.5 for Generator
13	26	28.9	31.5	+ 2.5 for Generator
12.5	24.5		28.6	+ 2.5 for Generator
12	23.5		26	+ 2.5 for Generator

Other Consuptions	About
Inerting Tanks Prior Loading	18 Ts
Iddle in Port	6 Ts
Loading	10 Ts
Discharging with COW	40 Ts
To raise Cargo Temp to 1 C	7 Ts
To maintain Loaded Temp. of 57 C	16 Ts
To maintain Loaded Temp. of 52 C	15 Ts

Main Engine (HHI - EMD)

1 - MAN B&W 6L60MC (Mark III) (HFO 600cSV50 C)

MCR 14,160 PS x 117 RPM

NCR 12,750 PS x 113 RPM (90%)

Propeller (HHI - EMD)

1 set,Ni-Al-Br,6,400 mm dia. - 4,501 mm pitch

Generator (B&W Holeby - 6L23/30)

3 - Diesel Generator - 700 kW burning (HFO 600 cSV50 C)

Boiler

2 - Auxiliary Boiler, 25 ton/h (Aalborg)

1 - Exh. Gas Economizer, 1.2 ton/h (Kangrim)

Inert Gas System (Kvaener Moss)

1 - Inert Gas Plant using Boiler Flue Gas, 9,375 Cb m/h

Cargo Heating Al-Brass Heating Coils)

By Steam,Heating from 44 to 66 C within 96 hours

Maintain Cargo Heat 57 C = 135 F

Cargo Pumps (Naniwa Eureka) (basis 1.025 Sp.Gr.)

3 x 2,500 Cb m/h x 140 m head - Steam Turbine Driven (Horizontal Single stage centrifugal)

1 x Primavac System connected to No.1 pump - (Gadelius)

1 x 300 Cb m/h x 140 m head - Steam Stripping Pump (Vertical Reciprocating - 2 Cyl)

1 x 455 Cb m/h x 22 mWC head - Stripping Eductor

Ballast Pump (Naniwa Eureka)

1 x 3,000 Cb m/h x 30 m head - Steam Turbine Driven

1 x 500 Cb m/h = 1 x 200 Cb m/h Stripping Eductors

Fresh Water Generator (Sakakura Jpn)

1 x 25t/d + 1 x 20 t/d

Cargo Manifold

By OCIMF recommendation for 3 segregation

Bow to Center of Manifold	123 m
Center of Manifold from midlength	0.65 m
Keel to Center of Manifold	22.13 m
Waterline to Center of Manifold in Ballast	15.15 m
Distance of Flanges from ship's side	4.6 m
Height of Flanges above working platf.	0.9 m
Height of Flanges above Deck	2.1 m
Distance between centers of Flange	2.5 m

Hose Lifting Equipment (B L M)

2 x 15 t Hydraulic Cranes