

GENERAL	
SHIP'S NAME	ESL AFRICA
SHIP'S TYPE	MULTIPURPOSE
IMO number	9397171
FLAG	CYPRUS
PORT OF REGISTRY	LIMASSOL
Built	2007
Shipbuilding yard	Hudong-Zhonghua Shipbuilding Group Co. Ltd.
Classification Society	Lloyds Register of Shipping (LR)
Class notation	Lloyds Register +100 A1, ICE 1A, IWS, L1+LMC, UMS, NAV1
Ice class notation	Finnish/ Swedish 1A
CALL SIGN	5BJM4
REGISTERED OWNER	KADELARIKO SHIPPING COMPANY LTD, LIMASSOL, CYPRUS
COMMERCIAL MANAGERS	EUROAFRICA SHIPPING LINES LTD
P & I CLUB	WEST OF ENGLAND
H & M INSURANCE	WARTA INSURANCE AND REINSURANCE COMPANY
ITF STATUS	SPECIAL AGREEMENT
Main particulars	
DWAT	17,300 mt
DWCC	abt. 15,000 mt (subject qty of bunkers / fw / ballast ROB)
Length over all	143,00 m
Breadth over all	21,50 m
Drafts	Summer 9,69 m ssw, Tropical 9,909 m, Winter 9,505 m
GT	11.864
NT	5.650
TPC SSW	27,9 mt /cm
Air draft (in Ballast)	35,40 m
Depth (moulded)	13,30 m
Distance WL-HC in ballast	abt. 10,50 m

CARGO CAPACITIES:	
Total cubic feet capacity	707.633 grain/bale tweendeck pontoons stored on deck
Total cubic feet capacity	655.924 grain/bale tweendeck pontoons stored in hold
Cubic capacity hold no. 1	269.401/245.377cbft tweendeck pontoons stored on deck/ at middle hold position
Cubic capacity hold no. 2	438.232/399.453cbft tweendeck pontoons stored on deck/ at middle hold position
DECK'S SQUARE AREAS:	
Lower Hold/Tweendeck/ttl no1	LH 537 sqm / TD 604 sqm / ttl H1 1141 sqm
Lower hold/tweendeck no2	LH 893 sqm /TD 958 sqm / ttl H2 1851 sqm
Weather Deck	WD 1616 sqm
total (all decks) square area	4608 sqm

## TWENDECKS

The vessel is equipped with a full tweendeck, consisting of loose 14 tweendeck panels. Tweendecks can be used as vertical bulkheads at every 20ft (6,52m) interval. Tweendecks can be stowed in holds at 3 different positions heightwise (see drawing).

TWENDECK COVERS (TD) SIZES: Nr. 1	7,69m x 3,22m x 0,90m	weight abt 6 tons
Nr. 2 + 3	12,57m x 6,48m x 0,90m	weight abt 25 ton
Nr. 4 - 14	17,65m x 6,48m x 0,90m	weight abt 33 tons

ttl TD cubic measurement / weight: 1301 cbm / abt. 419mt

DECK'S STRENGTHS	Uniform	TEU/FEU
Max load tanktop	20,00mt/ sqm	—
Max load tweendeck	4,00 mt /sqm	—
Max load weatherdeck	1,75 mt / sqm	50 / 60mt

# ESL AFRICA

Openhatch fully box / doubleskinned ice class 1A geared, tweendecker convertible into singledecker Lakes / Grain / CO<sup>2</sup> fitted



HOLDS/HATCHES 2 Holds/ 2 Hatches	Macgregor Navire Hydraulic steel pontoon hatches
Both types are	Fully openhatch - no understow Fully box and double skinned Fully square-except box structures due to vessel's outer shape.
DIMENSIONS	
Hold No. 1	35,80 x 17,75 x 13,50
Hold No. 2	52,10 x 17,75 x 13,50 (see drawing)
ELECTRICAL CARGO HOLD VENTILATION	
	25 air changes per hour
	Both holds fitted with dehumidifier

## CARGO CRANES

3 cranes fixed on portside - each with a capacity of 60 mts at a outreach of upto 16m - or capacity of 40 mts at a outreach of upto 28 m

The cranes can be combined to up to 120 mts but not the entire holds/ hatches can be served with this maximum lifting capacity. Free distance between the cranes is 31 meters. Vessel fitted with lifting beam of SWL 125mt (weight of the beam about 10 tons).

Container intake  
467 TEU nominal total (on deck only) - 60 reefer plugs connections (on deck)

Stability according to IMO regulations, above calculated on 50% fuel and fresh water, max draft and minimum GM, all within max stack load. Container intake is always subject to vessel's trim/stability and permissible stack weights and in accordance with specific weight distribution tables per bay described in Container Lashing Manual.

## ENGINES:

Main Engine	1 x Wartsila 8L46B, 7800 kW at 500 rpm
Reduction Gear	1 x Flender, CUCP 1120
Propeller	Wärtsilä propulsion, 4 blades, 4800mm
Bow Thruster	750 kW

## BUNKER CONSUMPTION:

speed (knots)	fuel consumption (mt/day) **
12,5 (eco speed*)	22,00
13,00	23,00
14,00	25,00
15,00 (max continous speed)	29,00

## REMARKS

\* - while steaming with ECO speed, MCR must be increased to 85% for 1 hour per each 24 hrs.  
\*\* - bunker consumption figures are about and based on 7,60m draft, clean bottom, even keel, deep and currentless waters, calm sea and max wind force Beaufort 2/ douglas 2 and maximum sea temperature 28 / 29 degrees Celsius, and shaft generator connected.

Some particulars can vary and all are believed to be correct, but not guaranteed.

SW

S

SE

240

220

200

180

160

140

120

# ESL AFRICA – CROSS VIEWS

