

GENERAL	
SHIP'S NAME	ESL AMERICA
SHIP'S TYPE	MULTIPURPOSE
IMO number	9347035
FLAG	CYPRUS
PORT OF REGISTRY	LIMASSOL
Built	2006
Shipbuilding yard	Xingang Shipyard, China
Classification Society	DNV-GL
Class notation	GL+100 A5 ICE E3 G+MC E3 AUT
Ice class notation	DNV-GL: E3, Finnish/ Swedish: 1A
CALL SIGN	5BP4
REGISTERED OWNER	ZICONIA SHIPPING COMPANY LIMITED, 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	17,500 mt
DWCC	abt. 15,000 mt (subject qty of bunkers / fw / ballast ROB)
Length over all	143,14 mtrs
Breadth over all	22,80 mtrs
Max Draft	9,70 mtrs
GT	12,936
NT	5,824
TPC SSW	(at summer draft 9,70mtrs): 29,2 mt/cm
Air draft (in Ballast condition):	36,83 mtrs
Depth (moulded)	13,30 mtrs

CARGO CAPACITIES:	
Total cubic feet capacity	766.222 cbft grain/bale tweendeck pontoons stored on deck
Total cubic feet capacity	708.658 cbft grain/bale tweendeck pontoons stored in hold
Cubic capacity hold no. 1	126.858/118.995 cbft tweendeck pontoons stored on deck/in hold
Cubic capacity hold no. 2	382.643/354.935 cbft tweendeck pontoons stored on deck/ in hold
Cubic capacity hold no. 3	253.177 / 234.728 cbft tweendeck pontoons stored on deck/ in hold
Lower hold/Tweendeck/ttl no1	LH 296 sqm / TD 296 sqm / ttl H1 592 sqm
Lower hold/Tweendeck no2	LH 785 sqm /TD 785 sqm / ttl H2 1570 sqm
Lower hold/Tweendeck no3	LH 458 sqm /TD 493 sqm / ttl H2 951 sqm
Weather Deck	WD 1695 sqm
total (all decks) square area	4808 sqm

TWEENDECKS

The vessel is equipped with a full tweendeck, consisting of lose 16 tweendeck panels. Tweendeck panels can be used as vertical bulkheads in hold no 2 & 3. Tweendecks can be stowed in holds 2 & 3 at 2 different positions heightwise (see drawing).

TWEENDECK PANELS (TD) SIZES: Nr. 1-3	Dimensions	Weight
Nr. 4 & 11	1,43m x 18,48m x 1,00m	weight abt 9 ton
Nr 5-10	6,48m x 18,48m x 1,00m	weight abt 36,2 ton
Nr 12	1,43m x 18,48m x 1,00m	weight abt. 9 ton
Nr 13-16	6,48m x 18,48m x 1,00m	weight abt. 36,2 tons

ttl TD cubic measurement / weight: abt. 1453 cbm / abt. 455 mt

DECK'S STRENGTHS	Uniform	TEU/FEU + TEU
Max load tanktop	20,00mt/ sqm (all holds)	408/ 193 + 22
Max load tweendeck	H1: 3,00 mt/ sqm, H2 & H3: 4,70 mt/ sqm	—
Max load weatherdeck	2,20 mt / sqm	550/ 225 + 100

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

ESL AMERICA

Multipurpose General and Project Cargo Vessel. Strengthened for Heavy Cargo. Equipped for carriage of containers. Equipped for the carriage of dangerous goods according to SOLAS II-2, Reg. 19. Open-hatch fully box / doubleskinned ice class E3/1A geared, tweendeck convertible into singledecker. Lakes / IMO/ Grain / CO2 fitted



HOLDS/HATCHES 3 Holds/3 Hatches	Hydraulic operated folding hatch covers (can be partly disconnected)
HOLDS:	Fully openhatch - no understow Fully box and double skinned Fully square.
DIMENSIONS	
Hold No. 1	22,50 x 13,20 x 12,10 mtrs
Hold No. 2	42,2 x 18,60 x 13,80 mtrs
Hold No. 3	28,10 x 18,60 x 13,80 mtrs
ELECTRICAL CARGO HOLD VENTILATION	H1 : 15 air changes per hour H2 & H3: 12 air changes per hour

CARGO CRANES

3 x NMF cranes fixed on portside - each with a capacity of 80 mts at outreach of 4,0- 18,0m - or capacity of 50 mts at outreach of 4,0- 28,0 m

The cranes are combinable. Vessel is fitted with lifting beam of SWL 148mt.

Container intake
617 TEU @ 14mt, 60 reefer plugs connections (on deck)

Stability according to IMO regulations, 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	MAN B&W 6S46MC-C, 7074 KW @ 129 RPM
Auxiliary Engines	3 x YANMAR 6N18AL-EV, each abt. 600 KW
Propeller	Four bladed fixed pitch propeller
Bow Thruster	700 kW

BUNKER CONSUMPTION:

AT SEA: speed (knots)	fuel consumption (mt/day) *
13 (eco speed)	22,00
14,00	24,00
15,00	27,00
IN PORT (MGO/LSMGO only):	idle abt. 1,5/ working abt. 3,0

REMARKS

* - bunker consumption figures are about and based on design draft of 8,30 m, clean bottom, even keel, deep and currentless waters, calm sea and max wind force Beaufort 3/ douglas 2 and maximum sea temperature 28 / 29 degrees Celsius, and shaft generator connected.

SW

S

SE

240

220

200

180

160

140

120

ESL AMERICA – CROSS VIEWS

