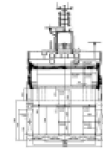
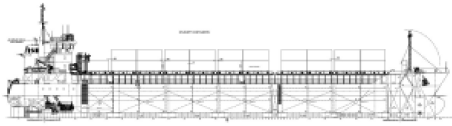




D Diep Class



Ship Basic Information

Builders	Rongcheng Shipyard
Type	Multipurpose
Flag	Liberia
Port of registry	Monrovia
Classification	GL 100A5, E2, MULTIPURPOSE SHIP; Strengthened for heavy cargoes; Equipped for carriage of containers, + MC, AUT, E2, TSM, Solas II-2 Reg.19 class 1.4, 5, 2, 3, 4, 5.1, 6.1, 8, 9

Vessel Specific Information

	IMO No.	Year of Built	Summer Deadweight (mt)	Lightweight (mt)
DINKELDIEP	9518983	2011	5700.0	TBA
DORADODIEP	9518995	2011	5653.0	TBA
KORSOE	9519054	2012	5732.0	2578.0
DELTADIEP	9519042	2012	5620.0	2543.0
BERINGDIEP	9518969	2010	5728.0	2306

Dimension and Main Data

Length o. a.	108.4 m
Length b.p.	102.98 m
Breadth max.	15.61 m (Max Breath over the Fender = 15.63 m)
Depth to maindeck	7.90 m
Deadweight summer	5,732 t
Deadweight at 5.30 m	5,350 t
Draft summer	5.88 m
Airdraft (masts collapsed):	32.6 m - Alt Draft
Speed / Consumption at 5.30m draft:	about 11.00 kn at 8.00 mt IFO 180 (Bf 2)
Timber fitted:	YES
Suez and Panama Canal fitted	YES
ST.LAWRENCE	ADAPTABLE
BOWTHRUSTER	YES
CEMENT HOLE FITTED	YES (900mm Diameter)
Stern Anchor fitted	YES
Airdraft:	32.14 m less draft
Crew Complement	11

Tank Capacity (including day and settling tanks)

Fuel IFO 380	146.2 cbm (at 85%)
MDO	115 cbm (at 85%)
Freshwater	68.6 cbm
Waterballast	2046.6 cbm
Hatches	5 Hatch No 1 + 7 Hatch No 2
Holds	2 holds (upper hold 1 High Cube + lower hold 1 High Cube and 1 ISO container) Tween Deck - 4PKs
Hold dimensions(LxBxH)	Hold No.1 29.2 m x 12.65 m x 9.20 m Hold No.2 45.75 m x 12.65 m x 9.20 m
Movable bulkheads:	2 bulkheads (2 panels for each b/h = 4 in total) erection possible in 3 different positions in hold and 2 positions in hold 1
All holds mechanically ventilated / 6 air changes per hour	
Grain capacity:	abt 300,000 cbf , excluding bulk heads
Containers capacity: In holds	Total 239 / 244 TEU
Admissable load acting on weather deck, hatch covers:	
Evenly distributed surface load:	Hatch Cover = 2.2 mt/sqm ; Tween Deck = 2.4 mt/sqm
Tanktop Strength	15.00 mt/sqm

Gears

Deck Cranes	2 cranes mounted on port of 45 mto SWL combinable to 90 mto side with 24m Outreach 40 to and 18m at 45 mto
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Machinery

Main engine

Type	YANMAR Model 6EY26
Power	1,920 kW at 750 rpm
Grade fuel used:	IFO 180
Auxillary engine	
Type	HND (Deutz MWM) license TBD 234V8
Number	3
Power	249 KW each
Grade fuel used	MDO
Generator	230 kW, 400V, 50Hz, 1,500 rpm
Shaft generator	350 kW, 400V, 50Hz, 1,500 rpm
Bowthruster	Kawasaki, 315KW
Fuel consumption at a speed of about 12 kn at design draft (Bf 2)	
Ship at sea:	about 8.0 mt IFO 180
	about 0.0 mt (shaft generator)
Ship in port:	about 0.8 mt
Navigation and communication equipment	
- 2 radars	Fleet Broad band 250
- GMDSS A-3	ECDIS x 2
- Gyro compass	Collapsible fore and main mast
- Autopilot River/Sea	Crew Complement 10+1
- Satellite-navigator	
- 2 VHF units	
All details to be considered as about, given in good faith but without any guarantee.	

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