

Identification

Name : Surinam River
 Flag : Netherlands
 Homeport : Rotterdam
 Build : 2007
 Call Sign : PBDU
 IMO number : 9330226
 Class / register number : GL / 111611

Principal dimensions:

Length over all : 147,87 m
 Length b.p.p. : 140,30 m
 Breadth mld. : 23,25 m
 Depth maindeck : 11,50 m
 Design draught : 7,30 m
 Scantling draught : 8,50 m
 Air draught from Keel : 47 m
 Speed design draught : 19,4 kn
 Range, approx : 10.000 nm

Tonnage

Deadweight at 7,30 m : ± 10.250 mt
 Deadweight at 8,50 m : ± 13.630 mt
 Gross Tonnage : 9.940 GT
 Nett Tonnage : 5.020 NT
 Suez Nett Tonnage : 8.525
 Panama Net Tonnage : 9.136

Classification:

- "Germanischer Lloyd"
- ⊗ 100 A5 E IW SOLAS II-2, Reg 19 MultiPurpose Dry CargoShip, Equipped for carriage containers, Strengthened for Heavy Cargo
- ⊗ MC E AUT
- Unrestricted service, incl. Panama, Suez, USCG, Australian navigation regulations.

Container Intake: (within IMO visibility 2 x vessel length)

	Holds	Deck	Total	+TEU	+FEU
TEU 20'x8'x8'6"	334	784	1118	-	-
FEU 40'x8'x8'6"	162	380	542	10	-
45'x8x9'6"	4	137	141	10	373
48'x8'6"x9'6"	0	56	56	10	473

Highcubes

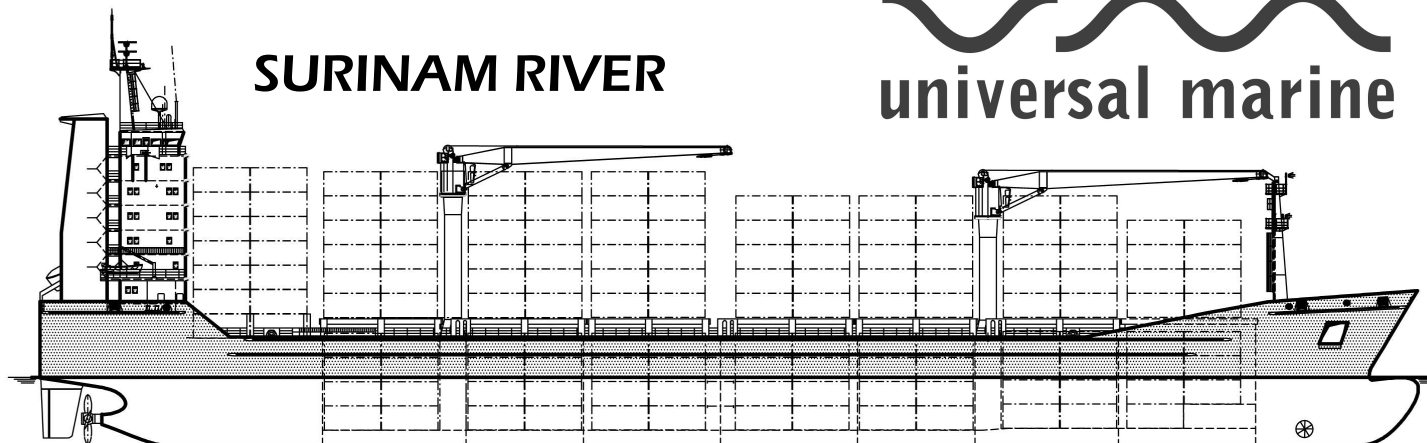
Holds 1,2 : 1 tiers 9'6"+ 3 tiers 8'6"
 Holds 3, 4, 5 : 2 tiers 9'6"+ 2 tiers 8'6"

Palletwide (2500 mm)

Holds (after modify cell-guides) : 3B, 4A, 4B
 Deck : all positions

Reefer connections

Holds : 56 FEU
 Deck : 164 FEU
 Simultaneous factor 0,7

SURINAM RIVER

universal marine

Stackweights 20' 40' 45' 48'
 Holds 120⁾ 150
 Hatches 50⁾ 80⁾ 80⁾ 80⁾
 M'deck aft 65⁾ 80⁾
 *) see CSM for limitations

Stability

VCG 45%, 20'x8'x8'5" @ 14 ton : ± 700 TEU
 At 8,5 mtr draught

Permissible Load

Tanktop : 12 mt/m2
 Hatchcovers : 1,75 mt/m2

Dangerous Goods

	1	1.4s	2.2	2.3	3.3	4	5.1	6.1	8	9
Hold 1	X	P	P	P	P	P	P	P*)	P**)	P
Hold 2 - 5	X	X	X	X	X	X	X	X	X	X
Hatches	C	C	C	C	C	C	C	C	C	C
M'deck aft	X	X	X	X	X	X	X	X	X	X

X - not allowed, P - packed, B - bulk, C - in Containers

*) no liquids, **) flashpoint ≤ 23°C

Holds / Hatches

Hatch 1 : 14,00 m x 10,40 m / 1 hatch
 Hatch 2 - 5 : 12,60 m x 18,00 m / 2 hatches
 Cargo capacity Grain : 565.000 cbft

All cargo holds are provided with Steel pontoon covers.

Non sequential opening.

CO2 fire fighting system in engine room and cargo holds

Vessel's holds are electrically ventilated, 4.000 m3/h per reefer.

And/or 2 air changes/h based empty hold.

Cargo Gear

Number : 2
 SWL : 45mt @ 26,5 m, 40 mt @ 29,5 m

Speed and Consumption

At draught 8,50 mtr, even keel, smooth sea, max 2 bft,
 Full speed 18,0 kn 40 mt/day, IFO 380, no PTO
 Optimum 17,3 kn 36 mt/day, IFO 380, no PTO
 ECO 16,0 kn 31 mt/day, IFO 380, no PTO
 PTO, 400 kW, reduction in speed ± 0,2 kn (at 18 kn)
 Harbour consumption generator ± 1,85 ton/day IFO380 or MDO
 No use PTO, with ± 50 reefers, generator ± 4 ton/day IFO380.
 Fuel acc. to ISO 8217, net specific energy 42,7 MJ/kg.

Tank Capacities

Waterballast : 5044 m³
 Freshwater : 162 m³
 Bunkers IFO380 : 1256 m³ (excl service tanks)
 GasOil : 245 m³

Propulsion:

- 1 Main engine, MAN B&W 7L 58/64, MCR 9730 kW at 428 rpm
- 1 Reduction gear
- 1 Controllable pitch propeller

Auxiliary Equipment:

- 3 Diesel generator sets 570 kW 60 Hz,
- 1 Shaft generator 2000 kW, 60 Hz
- 1 Emergency/Harbour gen. set, 550 kW, 60 Hz
- 1 Exhaust gas (thermal oil) boiler & 1 Fired boiler
- 1 Electrically-driven bowthruster unit with FPP, 700 kW;
- 1 Electro-hydraulic steering gear

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