

Swiss Cargo Line – MPC Vessels

SCL BERN, SCL BASILEA, SCL LÉMAN



Preliminary Specifications (based on building contract)

General

Delivery dates : Jan- 2005 – Nov. 2005
Basic functions : Transport of bulk, project/general/heavy lift cargo, IMO class cargo, containers, etc.
Classification : Lloyds Register ✕ 100 A1, ✕ LMC, UMS, LI, containers in holds and on hatches, ice class 1C, strengthened for heavy cargo
Flag register : Switzerland.

Dimensions

Length o.a. : 139.99 m.
Length l.l. : 133.50 m.
Beam mld. : 21.50 m.
Depth : 11.65 m.
Summer draft : 8.40 m.
Deadweight : 12680ton.
Gross tonnage : 9990 GT

Capacities

Hold capacities : 17010 m³
Fuel (HFO-380) : 1'034 m³.
Marine Diesel oil : 83 m³.
Fresh water : 130 m³.
Ballast water : 4'784 m³.
Containers in hold : 306 TEU
Containers on deck : 460 TEU
Total number : 766 TEU

Performance

Service speed 17.0 knots at design draft of 8.20m.

Propulsion system

Main engine : Hitachi / B&W, 2 stroke
Output : 8'200 kW / 136 rev.
Propeller : 5 blades, fixed pitch
Bow thruster : 500 kW, CPP
Rudder : Marine type

Holds

3 cargo holds : box shaped type; of slant construction in hold 1 forw. and 3 aft for bulk cargo
Tween deck : hold 2 fitted with a removable tween deck : 2 T/D panels can be used as T/D in hold 3
Portable bulkheads : T/D panels can be used as port. bulkheads in hold 2 – in two locations

Holds cont. / Hatches

Hold/ Hatch inner dim: Hold 1 26.60x6.80/17.90 m.
Hold 2 51.80x17.90 m.
Hold 3 13.30x17.90 m.
Tank top strength : 18.0 mt
Tween deck strength: 3.5 mt
Hatch cover strength: 3.5 mt
Weatherdeck hatchcovers of the "pontoon" type.
Mech. exhaust. vent: Hold 1 + 3 6 times, hold 2 10 times

Cargo Gear

Cargo cranes : 2 sets, electro.-hydraulic
Capacity : 80 / 50 / 45 / 40 mt (combined 160 mt)
Outreach : 19 / 26/ 30 / 33 m.
Hoisting speed : 8 / 8 / 16 / 32 m.
Slewing / luffing : 07r/min / 100 sec

Auxiliary equipment

Generator sets : 3x 850 kVA -60 Hz
Emerg. gen.set : 1x 125 kVA -60 Hz
Ballast pump : 2x 300 m³/h at 20 m.head
Freshwater gen. : 15 m³/ 24 h
CO₂ fire fighting system in engine room and cargo holds.
Live-safing appliances including a free-fall lifeboat for 18 pers.
One rescue boat and two liferafts.
Reefer plugs : 120 sockets

Trading Range

World-wide incl. Panama Canal / Suez Canal / Great Lakes

Accommodation

Air-conditioned cap. for 18 persons in single cabins, galley, 2x mess room ,office, laundry and stores.

Nautical & communication equipment

Radio equipment according to GMDSS for area A3 and add. 1 Inmarsat F terminal; two daylight radars, echosounder, autopilot, magnetic compass, gyrocompass, GPS receivers, AIS, VDR, ISPS Alert system

Owners

SCL BERN AG / SCL BASILEA AG / SCL LEMAN AG

Commercial Manager:

SCL Reederei AG, SWITZERLAND