

SSL KAVERI (Preliminary Description)

IMO No: 9363429
Flag: Indian
P&I Club: North of England
Call sign: VTUO
Type: Fully Cellular Container Vessel
Registered Owners: Shreyas Shipping & Logistics Limited
Class: IRS
Built: 2007 /NAIKAI ZOSEN CORPORATION, Japan
GT: 27104 / NT: 11856
Deadweight: 33704 MT at scantling draft 11.276 m
LOA: 199.93 m
LBP: 188.0 m
Breadth moulded: 32.2 m
Depth moulded:16.6 m

Containers:

All container intakes are always subject to vessel's stability, trim, deadweight, permissible weights, permissible lashing gear break loads, container lashing plan, ranges of visibility, and OSHA rules in which case intakes and stack weights can be considerably reduced.

| | |
|--|----------------------------|
| In holds: | 961 TEU |
| On deck: | 1592 TEU |
| Total holds and deck (nominal intake): | 2553 TEU |
| Homogeneous intake basis 14 mts: | 1909 TEU (20' x 8' x 8'6") |

Maximum clear height of container in hold is based on five (5) tiers of 8'6" high containers and one (1) tier of 9'6" high cube containers.

Connections:

Total 250 pieces of refrigerated container sockets all on. Generator capacity calculation is based on 220 FEU reefers.

Stack Weights:

| | | |
|--------------|---------------|---------------|
| Stack Loads: | 20' units | 40' units |
| In Hold | 25.0 t/unit | 30.5 t/unit |
| Hatches | 80.0 t /stack | 120.0 t/stack |

Distribution of container weights within a single 20'/40' stack on deck, to comply with the on board manual for stowage and lashing of containers approved by class.

Hatch covers:

6holds / 20 hatches (MacGregor Lift-Away type steel pontoon covers, fitted with sockets and fixed type eye plates)

Hatch Sizes: No.1 Hatch: 12600 x 18200/8000 mm
No.2 Hatch: 12600 x 23200/18200 mm
No.3 Hatches: 12600 x 23200 mm
No.4-6 Hatches: 12600 x 28200 mm

Cargo Cranes:

N/A

Tank capacity (100%):

| | | | |
|---|-------------|------|--------------|
| Heavy fuel oil tanks including Low Sulphur oil (HFO & LS HFO) | (100% full) | abt. | 3747.11.cu.m |
| Marine diesel oil tanks (MDO) | (100% full) | abt. | 215.57 cu.m |
| Lub. oil tank | (100% full) | abt. | 144.00 cu.m |
| Fresh/Drinking water tanks | (100% full) | abt. | 5961.95 cu.m |
| Ballast water tanks | (100% full) | abt. | 9273.18 cu.m |

Main engine:

HITACHI-MAN B&W 7S70MC-C – M.C.O.21735 kW X 91 rpm

Generator Engines: 3 sets x 1270 Kw

Sea speed consumption:

Specific fuel consumption at M.C.O. 171.5 g/Kw*h + 5% (L.C.V.=42.7 MJ/kg) at shop trial
23.30.kn on abt90.30 mt HFO RMG 380 CST (SMCR 100.0%)
22.40 kn on abt81.30mt HFO RMG 380 CST (SMCR 90.0%)
21.20 kn on abt67.80mtHFO RMG 380 CST (SMCR 75.0%)
.20.61 kn on abt63.70mt HFO RMG 380 CST (SMCR 70.0%)
18.50 kn on abt46.90mtHFO RMG 380 CST (SMCR 50.0%)
14.70 kn on abt24.20mt HFO RMG 380 CST (SMCR 25.0%)

Aux. Engines consumption at sea:

about 2.60 mts HFO RMG 380 CST per day without reefers, plus abt 5.2 mts HFO RMG 380 CST per day with full reefer containers connected.

MDO consumption of about 2.0 mts per month for starting/stopping the Main Engine and Aux. generators and general use.

Port consumption:

Specific Fuel consumption at Full load, 145.16 g/Kw*h(+1.0g/Kw*h) + 5% (L.C.V.=42.7 MJ/kg) mts and about 2.10mts additional daily when boiler.

Fuel Specification:

Fuel with viscosity of 380 Cst.

Fittings:

Vessel is fully fitted with loose lashing / securing / stowage material for a full load of containers under and on deck.

Suez guidelines Bow thruster 690 kW, Ballast Water Treatment System, Anti-heeling system.

The dangerous goods shall be carried in the closed freight in accordance with provisions of regulation II 2/19* of the SOLAS, 1974, as amended:

| Dangerous goods class | CARGO HOLD | | WEATHER DECK |
|----------------------------|------------|------------|--------------|
| | | No.,3 to 5 | |
| 1.1 except 1.4S | | --- | P1 |
| -1.6 | | | |
| 1.4S | | --- | P |
| 2.1 | | --- | P1 |
| 2.2 | | P | P1 |
| 2.3 Flammable | | --- | P1 |
| 2.3 Non---flammable | | --- | P1 |
| 3 F.p.<23'C | | --- | P1 |
| 3 23'C<=f.p.<=60'C | | --- | P1 |
| 4.1 | | --- | B1 |
| 4.2 | | --- | P1 |
| 4.3 Liquids | | --- | P1 |
| 4.3 Solids | | --- | P1 |
| 5.1 | | --- | P |
| 5.2 | | --- | P1 |
| 6.1 Liquids FP>60'C | | --- | P |
| 6.1 Liquids FP<23'C | | --- | P1 |
| 6.1 Liquids 23'C<=FP<=60'C | | --- | P1 |
| 6.1 Solids | | --- | P |
| 8 Liquids FP>60'C | | --- | P |
| 8 Liquids FP<23'C | | --- | P1 |
| 8 Liquids 23'C<=FP<=60'C | | --- | P1 |
| 8 Solids | | P | P |
| 9 | | ---- | P |

Cargo space 1: No.3 to No.5 Cargo holds

2. Weather deck

P: Packaged Goods Permitted

A: Packaged and Bulk Goods Allowed

B: Bulk Goods Permitted

---: Not Permitted to Be Carried

Notes for Packaged Goods

Nil

Cargo holds fitted with a fixed firefighting CO2 system.