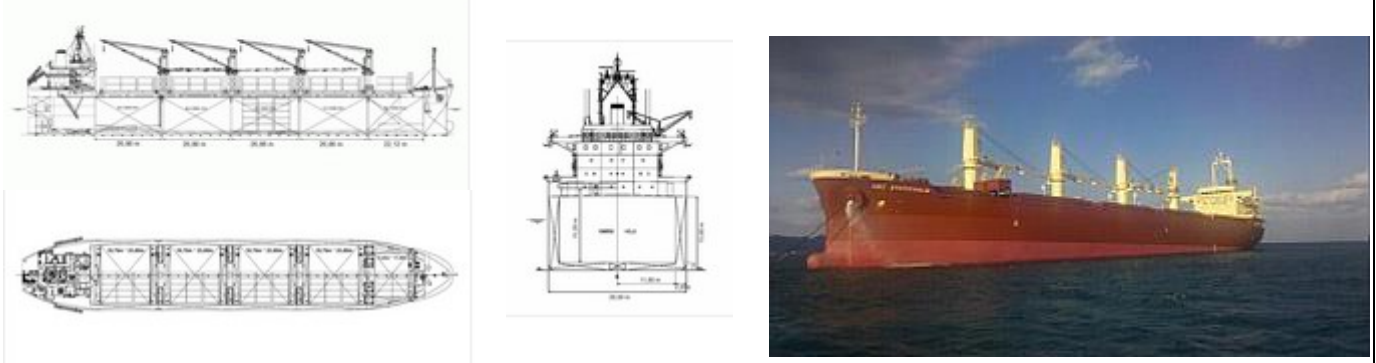


## SUPER S-CLASS



### Ship Basic Information

Builders	Saiki Heavy Industries, Japan
Type	Multi-Purpose Double Hull Box-shaped Bulk Carrier
Flag	Cyprus
Port of Registry	Limassol
Classification	NKK, NS * Bulk Carrier Modified, BCM-A, MNS*
EDDI, Voluntary	6,456 (max allowed EEDI as General Cargo Ship is 11,336)

### Vessel Specific Information

	IMO No.	Year of Built	Summer Deadweight	Lightweight (mt)	Environmental Rating
MSM STOCKHOLM	9426879	2010	33,301	8,056	See now

### Dimensions and Main Data

Length o.a.	171.90 m
Length b.p.	165.50 m
Breadth max.	28.00 m
Depth to Main Deck	15.00 m
Deadweight Summer	33,301 mt
Deadweight Winter	32,355 mt
Deadweight Tropical	34,247 mt ; Tropical Freshwater 34,225 mt
Deadweight Freshwater	33,299 mt
Draft Summer	10.624 m
Draft Winter	10.403 m
Draft Tropical	10.845 m ; Tropical Freshwater 11.086m
Draft Freshwater	10.865 m
Scantling Draft	10.624 m
Speed	About 15.00kn at design draft of 9.65m and Bf2)
St. Lawrence	No
Bow thruster	No
Cement hole fitted	YES (900mm Diameter)
Gross Tonnage	21,018
Net Tonnage	10,927
Crew Complement	30

### Capacities

LSFO-380 cst	1,456 cbm (at 100%) (including day and settling tanks)
LSMDO	172 cbm (at 100%)
Freshwater	243 cbm
Ballast Tanks	12,922 cbm (at 100%)
Hatchcovers	NAKATA MAC, Hydraulic Folding
Number of Holds, Hatches	5 Holds, 5 Hatches (nos. 1+2+3+4+5 box-shaped)

Hold Dimensions (LxBxH)	No. 1 = 22.12m x 17.20m x 15.20m No. 2 = 26.86m x 23.60m x 15.20m No. 3 = 26.86m x 23.60m x 15.20m No. 4 = 26.86m x 23.60m x 15.20m No. 5 = 26.86m x 23.60m x 12.40m
Hatch Dimensions (LxB)	No. 1 = 13.43m x 17.20m No. 2 = 19.75m x 23.60m No. 3 = 19.75m x 23.60m No. 4 = 19.75m x 23.60m No. 5 = 19.75m x 23.60m
<b>All holds mechanically ventilated / 4 air changes per hour</b>	

Capacity (cbf)	Grain	Bale
No. 1	190,400	187,857
No. 2	336,683	332,865
No. 3	337,954	334,215
No. 4	336,796	333,211
No. 5	280,457	277,986
<b>Total</b>	<b>1,482,290 cbf</b>	<b>1,466,134 cbf</b>

Gear	
Crane 1 (Hold 1 & 2)	SWL 36.0mt x 24.0m at 10.0m outreach
Crane 2 (Hold 2 & 3)	SWL 36.0mt x 24.0m at 10.0m outreach
Crane 3 (Hold 3 & 4)	SWL 36.0mt x 24.0m at 10.0m outreach
Crane 4 (Hold 4 & 5)	SWL 36.0mt x 24.0m at 10.0m outreach
4 Electrohydraulic Cranes equipped with Motor Grabs Capacity: 12 m <sup>3</sup> – 1.8 mt/m <sup>3</sup>	

Admissable Load	Container Stackweight TEU/FEU
Tanktop	22.00 mt/sqm 136/136
Weatherdeck Hatchcover No. 1	5.00 mt/sqm 40/60
Weatherdeck Hatchcover No. 2-5	3.00 mt/sqm 40/60

Machinery	Main Engine
Type	Mitsubishi 5 UEC 45 LSE
Power	7,470 kW / 130 rpm
Grade Fuel used	LSMDO for Starting/Stopping/Manoeuvring LSFO up to 380cst for Sea service

Auxiliary Engine	
Type	Yanmar 6N18L-EV
Number	2
Power	550 kW / 720 rpm
Grade Fuel used	LSFO 380cSt/LSMDO Burning
Generator	780 kW, 450V, 60Hz, A.C., 720 rpm 1 Emergency Generator: Caterpillar, 250 kW

Fuel Consumption at Speed of abt 15kn at Design draft of 9.65m (Bf2)	
Ship at Sea	About 26.50mt LSFO 380cst at C.S.R. About 2.0mt LSFO 380cst
Ship in Port (idle)	About 1.0mt About 4.00mt (all cranes working)
Boiler Fuel Consumption	About 0.70mt LSFO 380cst in port
Echo Speed & Consumption	About 13.00kn (Bf2) at about 17.00mt LSFO 380cst/day About 1.6mt LSMDO

<b>Navigation &amp; Communication Equipment</b>	
2 ARPA Radars (1x S-band, 1x X-band)	LRIT
ECDIS & Integrated Navigation System	Anemometer & Anemoscope
Gyro Compass & Autopilot also Connected to Magnetic Compass	GMDSS A3
Doppler Speed Log	MF/HF Transmitter/Receiver
Echosounder	2 VHF Radiotelephones
GPS Receiver	3 Portable VHF
DGSP Receiver	Inmarsat Fleet77 + C
Navtex Receiver	Fax
AIS	KVH V-Sat
SSAS	Chartco Receiver
	Chartco Metmanager Receiver
<i>All details to be considered as about, given in good faith but without any guarantees</i>	

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