



SdS Navigation s.r.l.

M/v SDS RAIN

Technical Specification



Builders: Gdynia Shipyard – Gdansk, Poland
Year of Build: 2000
Type: Multipurpose Cargo Vessel
Classification: RINA AUT, UMS; Inwatersurvey
ICE CLASS 1B
Flag: Italian
Call Sign: IBGR
Port of Registry: Napoli
IMO No.: 9210256
MMSI No.: 247153300
Class No.: 83363
GSM Mobile: +39.334.83.22.344
Mini-M Ph. No.: 00871.764.67.32.36
Mini-M Fax No.: 00871.764.67.32.38
Features: Strengthened for heavy cargoes;
Equipped for dangerous goods
according Solas II-2



Main Features:

Length o.a. 107,72 m.
Length I.I 102,10 m.
Beam mld. 18,20 m
Depth to M. Deck 10,10 m.
Summer Draft 8,15 m.
Height above Keel 37,70 m.
Deadweight 8.950 Mt
TPC 17,60 T/cm
Gross Tonnage 6.204
Net Tonnage 2.958

Performance/Consumption*:

At Sea abt. 13 Kn on abt. 15 Mt
HFO 380
In Port + Gear 2,0 Mt MGO a Day
In Port – Gear 1,0 Mt MGO a Day
Boiler Fuel 0,4 Mt MGO a Day
consumption
in Port

* Consumption data assumes shaft generator and reefer
plugs disconnected. Vessel is burning fuels according to
ISO 8217-1996.

Tank Capacities:

HFO	381 Mt	Freshwater	53 Mt
MGO	81 Mt	Ballastwater	2.591Mt

Nautical Equipment:

GMDSS	Fully Fitted
Radars	2
Echo Sounder	1
Satcom B+C	1
Gyro	1
Autopilot	1
AIS	1
GPS	1
Mini-M	2
GSM mobile	1

Hold Dimensions/Capacities:

Hold	Dimension	Capacity
Hold 1	22,40 x 15,60 x 10,30 m.	2.748 CBM / 97.044 CBFT
Hold 2	45,50 x 15,60 x 11,05 m.	7.653 CBM / 270.306 CBFT
Total:		10.401 CBM / 367.306 CBFT

Hold Format Hold 1 in narrowing in fore Part to 16,80
Hold 2 is fully boxshaped and 1 Transverse can be placed
in 3 positions.

Cargo:

Vessel is fitted for/with IMO Cargo.

Machinery:

Main Engine MAN B&W Diesel, Type 8L 32/40 – 3.840 KW at 750 RPM
Auxiliary Engine 2 x Scania Diesel Generator – Output: 334 KW at 1.500 RPM
Emergency Engine 1 x Scania Diesel Generator – Output: 357 KW at 1.500 RPM
Shaft Generator 500 KVA
Bow Thruster 350 KW / 1.500 RPM
Freshwater Generator 6,0 Mt a Day
Propeller Controllable Pitch Propeller

Hatches:

Hatch 1 18,90 x 15,60 m.
Hatch 2 44,10 x 15,60 m.
Hatches opening Steel Folding hatch
System covers with integrated
hydraulic opening
System – Mac Gregor

Deck Strength:

Tanktop 20,00 Mt/SQM
Hatchcover 1,75 Mt/SQM

Gear:

Type 2 NMF Cranes
SWL Max. 35 Mt
Situated Portside
Combinable Up to Max. 70 Mt

Note:

Speed and Consumption figures are calculated basis maximum Beaufort 2, no swell and no adverse currents. Intake is always subject to vessel's stability, trim, permissible weights and is subject to regulations of visibility. Lifting capacity of vessel's cranes is subject to vessel's stability and can depend on cargo/ballast on board. All details are about believed to be correct but given without guarantee and they must be not used as basis for charterparties or contracts without SDS Navigation's explicit written authority.