

M/V ROYAL STAR

SHIP'S PARTICULAR



MAIN PARTICULARS:

SHIP'S NAME: **ROYAL STAR**
 EX. NAME: **MONTROSE**
 IMO NUMBER: **9223813**
 VESSEL TYPE: **BULK CARRIER**
 FLAG: **PANAMA**
 PORT OF REGISTRY: **PANAMA**
 OFFICIAL NO: **53928-PEXT**
 CALL SIGN: **3E3928**
 MMSI: **352 986 184**
INMARSAT C NO.:
 CLASS: **NIPPON KAIJI KYOKAI (NK)**
 CLASSIFICATION NO: **019196**
 NOTATIONS: **NS,(BC),(ESP),(PSCM), MNS**
 OWNERS: **PRIME SHIPPING LTD.
 TRUST COMPANY COMPLEX,
 AJELTAKE ROAD, AJELTAKE
 ISLANDS MAJURO, MARSHALL
 ISLAND.**
 COMMERCIAL / ISM
 MANAGERS: **ELREEDY SHIPPING AGENCY
 ST. 39 VILLA NO. 1 , RAS ELBAR, DAMIETTA, EGYPT
 PHONE: +2 (057) 2525151 - 2520905 – 2528578
 FAX : +2 (057) 2525616
 agency@elreedy.com**



COMPANY IMO. **5036838**
 P&I: **American Steamship Owners
 Mutual P&I Association, Inc.**
 HULL INSURANCE **AL-BAHARIA**
 SHIPYARD: **NEW CENTURY SHIPBUILDING
 CO., LTD.**
 HULL NO: **JS99-023**
 DATE OF BUILT: **22 Jun 2001**

TONNAGE	
GRT/ NT:	17944 / 9697 MT
SDWT:	27,028 MT on 9.693 mts SSW
LIGHT WEIGHT:	7906 MT
SUEZ CANAL GRT / NT:	17942,02 MT / 16109,9 MT
PANAMA CANAL NT:	15003.09 MT

HOLDS/HATCHES:
 5 / 5 STEEL HYDRAULIC FOLDING (MAC-GREGOR)

HOLDS ARE FITTED WITH ELECTRICAL VENTILATION, FIXED CO2, WATER INGRESS SYSTEM

HOLD NO.	<u>HOLD No.1</u>	<u>HOLD No.2</u>	<u>HOLD No.3</u>	<u>HOLD No.4</u>	<u>HOLD No.5</u>
HATCH DIMENSIONS	21.6 x 19.4 x 1.4 M	22.4 x 19.4 x 1.4 M	12.8 x 19.4 x 1.4 M	22.4 x 19.4 x 1.4 M	14.6 X 19.4 x 1.4 M

GRAIN/BALE CAPACITIES BY HOLD EXCLUDING WING/TOP SIDE TANKS BUT INCLUDING HATCHWAYS (M3)

CAPACITIES	GRAIN	7,264.62 M ³	8,864.74 M ³	4,894.83 M ³	8,872.45 M ³	7,636.48 M ³
	BALE	6,828.74 M ³	8,456.96 M ³	4,674.56 M ³	8,464.31 M ³	7,178.29 M ³

TANK TOP DIMENSION:

L ENGH	27.2 M	28.8 M	17.5 M	28.8 M	27.2 M
BREADTH	F=9.30M,B/A=22.7M	F=23M,B/A=24.2M	F=22.6M,B/A=22.6M	F=24.2M,B/A=22.3M	F=22.3M,B/A=10.8M
TANK TOP STRENGTH	23 MTS/M ²	23 MTS/M ²	23 MTS/M ²	23 MTS/M ²	23 MTS/M ²

GEAR
 4 X 30T CRANES, 20 METRIC TONS WHEN GRAB HANDLING IS CARRIED OUT

DIMENSIONS

LOA:	178,4 m
LBP:	169 m
BREADTH:	26 m
DEPTH:	13,85 m
MOULDED L x B x D (m):	169 x 26 x 13.8 m

CARGO CAPACITY

DEADWEIGHT ALL TOLD	DWAT (MT)	DRAFT (m)
SUMMER	27,028	9.693
WINTER	26,229.8	9.473
TROPICAL	27,831.4	9.877
FRESH	27,033.9	9.895
TROPICAL FRESH	27,821.7	10.096
GRAIN / BALE:	37,533.12 m³ / 35,602.86 m³	
TPC:	39.80 MTS	

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TANK CAPACITIES (EXCLUDING UNPUMPABLES) 90%

F.O: ABT 900 MT
D.O: ABT 42 MT
LS MGO: ABT 172 MT
F.W.: ABT 193 MT
BALLAST: ABT 7809 MT

AUXILIARIES

AUXILIARY ENGINES: 2X YANMAR DIESEL
Type: 6N18L-EV
POWER: 500 KW @ 720 rpm
OUTPUT: 440 V / 60Hz

EMERGENCY GENERATOR: 1X MAN Diesel Generator
MAKER: MAN Nutzfahrzeuge
Aktiengesellschaft, Nurnberg,
Germany
Type: D2866E
Rating: 132KW @ 1800 rpm

MACHINERY

MAIN ENGINE: MAN B&W DIESEL
TYPE: 7S42MC / 2 STROKES
MAKER: HUDONG HEAVY MACHINERY CO.
POWER: 6555 KW @ 131 rpm
BORE/ STROKE: 420/1764 mm
TURBO CHARGER: R454D-32 / ABB turbo systems
SHAFT GENERATOR: FITTED
BOILER: AQ-16 / 0.90 MPA
PROPELLER: RIGHT HAND-FIXED PITCH
BOW THRUSTER: N/A

SPEED:

(SPEED BASIS GOOD WEATHER UP TO MAX 4 B./NEUTRAL
CURRENTS/ LOW SWELL)
AT SEA (LADEN+BALLAST) ABT 13.00 KNOTS
ECO SPEED ABT 12.00 KNOTS

CONSUMPTION:

AT SEA (LADEN+BALLAST)
ABT 21.00 MTS IFO LOW SULPHUR 0.1% @ 13.00 KNOTS
ABT 18.00 MTS IFO LOW SULPHUR 0.1% @ ECO SPEED

VSL IS EQUIPPED WITH SHAFT GENERATOR AND WHEN AT SEA, UNDER GOOD WEATHER CONDITIONS, NO MDO/ LS MGO CONSUMPTION, / EXECPT WHEN VSL MANEUVERING, UNDER PILOT, ENTERING/LEAVING PORTS/ DOCKS, TRANSITING CANALS/STRAITS, NAVIGATING IN RIVERS/TRAFFIC LANES/SHALLOW/NARROW WATERS/PLACES/RESTRICTED AREAS, UNDER BAD WEATHER CONDITIONS (OVER 6 BEAUFORTS) D/G(S) ARE USED/OPERATED CONSUMING ABT 2 MTS MDO/LS MGO DAILY.
AT PORT:

A) IDLE : ABT 1.5 MTS MDO(DMB) / LS MGO(DMA) + ABT 1.0 MT FO OR WHEN IN SECA PORT ABT 2.5 MT LS MGO
B) WW : ABT 3.5 MTS MDO/LS MGO + ABT 1.0 MT FO OR WHEN IN SECA PORT: ABT 4.5 MT LS MGO