

Rpt. 4.

## REPORT ON MACHINERY.

No. 44720.

Received at London Office

Date of writing Report

When handed in at Local Office

Port of

Glasgow

No. in Survey held at  
Reg. Book.

Date, First Survey 12-9-24 Last Survey 25-5-1925

(Number of Visits 43)

on the new steel S/S "RAJPUT."

Gross 5521  
Net 3391

Master

Built at Port Glasgow

By whom built

Lithgow &amp; Co. Ltd (SSN 773)

When built 1925

Engines made at

Glasgow

By whom made

W. Rowan &amp; Co. Ltd (N 809)

when made 1925

Boilers made at

Glasgow

By whom made

W. Rowan &amp; Co. Ltd (N 809)

when made 1925

Registered Horse Power

Owners Asiatic Steam Navigation Co. Ltd

Port belonging to London

Nom. Horse Power as per Section 28

441

Is Refrigerating Machinery fitted for cargo purposes

no

Is Electric Light fitted

yes

## ENGINES, &amp;c.—Description of Engines

Triple expansion

No. of Cylinders 3

No. of Cranks 3

Dia. of Cylinders 25"-42"-70" Length of Stroke 48" Revs. per minute 78 Dia. of Screw shaft 14.5" as per rule 14.5" Material of steel

Is the screw shaft fitted with a continuous liner the whole length of the stern tube yes Is the after end of the liner made water tight

in the propeller boss yes If the liner is in more than one length are the joints burned — If the liner does not fit tightly at the part

between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive yes

liners are fitted, is the shaft lapped or protected between the liners — Length of stern bush 5'-4"

Dia. of Tunnel shaft 13.18" as per rule 13.18" Dia. of Crank shaft journals 13.84" as per rule 13.84" Dia. of Crank pin 14.5" Size of Crank webs 9" x 6" Dia. of thrust shaft under

collars 14.5" Dia. of screw 18'-3" Pitch of Screw 17'-6" No. of Blades 4 State whether moveable yes Total surface 100 ft

No. of Feed pumps 2 Diameter of ditto 4.5" Stroke 24" Can one be overhauled while the other is at work yes

No. of Bilge pumps 2 Diameter of ditto 4.5" Stroke 24" Can one be overhauled while the other is at work yes

No. of Donkey Engines 5 Sizes of Pumps 20, 10, 8, 2, 1, 1/2, 1/4, 1/8, 1/16, 1/32, 1/64, 1/128, 1/256, 1/512, 1/1024, 1/2048, 1/4096, 1/8192, 1/16384, 1/32768, 1/65536, 1/131072, 1/262144, 1/524288, 1/1048576, 1/2097152, 1/4194304, 1/8388608, 1/16777216, 1/33554432, 1/67108864, 1/134217728, 1/268435456, 1/536870912, 1/1073741824, 1/2147483648, 1/4294967296, 1/8589934592, 1/17179869184, 1/34359738368, 1/68719476736, 1/137438953472, 1/274877906944, 1/549755813888, 1/1099511627776, 1/2199023255552, 1/4398046511104, 1/8796093022208, 1/17592186044416, 1/35184372088832, 1/70368744177664, 1/140737488355328, 1/281474976710656, 1/562949953421312, 1/1125899906842624, 1/2251799813685248, 1/4503599627370496, 1/9007199254740992, 1/18014398509481984, 1/36028797018963968, 1/72057594037927936, 1/144115188075855872, 1/288230376151711744, 1/576460752303423488, 1/1152921504606846976, 1/2305843009213693952, 1/4611686018427387904, 1/9223372036854775808, 1/18446744073709551616, 1/36893488147419103232, 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