

REPORT ON MACHINERY.

Port of *Copenhagen*

MON 6 DEC 1897

Survey held at *Elsinore*Date, first Survey *22nd December 1896* Last Survey *30th November 1897*

Received at London Office 18

(Number of Visits *22*)Tons { Gross *698.74*
Net *285.53*When built *1897*when made *1897*when made *1897*Port belonging to *Stockholm*Is Electric Light fitted *Yes (with one dynamo)*VES, &c.—Description of Engines *Triple expansion, surface condensing* No. of Cylinders *3* No. of Cranks *3*No. of Cylinders *20 x 32 x 51* Length of Stroke *30* Revolutions per minute *110* Diameter of Screw shaft as per rule *9.373*Diameter of Crank shaft journals *9 1/2* Diameter of Crank pin *10* Size of Crank webs *6 1/4 x 11 3/4*Pitch of screw *11-6* Pitch of screw *12-6* No. of blades *4* State whether moveable *No* Total surface *47.40*Feed pumps *2* Diameter of ditto *3 1/2* Stroke *15* Can one be overhauled while the other is at work *Yes*Bilge pumps *2* Diameter of ditto *3 1/2* Stroke *15* Can one be overhauled while the other is at work *Yes*Donkey Engines *2* Sizes of Pumps *1 Centrifugal - 6" pipes* No. and size of Suctions connected to both Bilge and Donkey pumps *2 1/2" from 1st Bilge pump*Engine Room *2 off 2' x 1 off 3' in Engine room - 3 off 3' in Boiler room* Holds, &c. *3 off 2' from After hold tunnel - 2 off 2' from Fore hold*Bilge injections *2* sizes *1 1/4 - 3 1/2* Connected to condenser, or to circulating pump *Both* Is a separate donkey suction fitted in Engine room & size *Yes 3"*Are the bilge suction pipes fitted with roses *Yes* Are the roses in Engine room always accessible *Yes* Are the sluices on Engine room bulkheads always accessible *Yes*Connections with the sea direct on the skin of the ship *Yes* Are they Valves or Cocks *Valves - except blow off cock*Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates *Yes* Are the discharge pipes above or below the deep water line *above*Are they each fitted with a discharge valve always accessible on the plating of the vessel *Yes* Are the blow off cocks fitted with a spigot and brass covering plate *Yes*How are they protected *with strong wooden boxes*Are pipes, cocks, valves, and pumps in connection with the machinery and all boiler mountings accessible at all times *Yes*Are the bilge suction pipes, cocks, and valves arranged so as to prevent any communication between the sea and the bilges *Yes*Were stern tube, propeller, screw shaft, and all connections examined in dry dock *While building* Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*Is the screw shaft tunnel watertight *Yes*

