

REPORT ON MACHINERY.

Port of *Aberdeen*.

Received at London Office

19

No. in Survey held at *Aberdeen*Date, first Survey *May 22nd*Last Survey *Dec 28th* 1901.

Book.

(Number of Visits *56*.)on the *Steel, screw, steam trawler "Ben Codra"*Tons { Gross *183*.Net *82*.Master *Wm. Cook*.Built at *Aberdeen*.By whom built *Hall, Russell & Co. Ltd*When built *1901*.Machines made at *Aberdeen*.By whom made *Hall, Russell & Co. Ltd*When made *1901*.Machinery made at *6*By whom made *6*When made *1901*.Registered Horse Power *62*.Owners *North British Steam Fishing Co. Ltd*Port belonging to *Aberdeen*Horse Power as per Section 28 *62.1*Is Refrigerating Machinery fitted *No.*Is Electric Light fitted *No.*MACHINES, &c.—Description of Engines *Simple expansion*No. of Cylinders *3*.No. of Cranks *3*.No. of Cylinders *12, 19, 33* Length of Stroke *33"* Revs. per minute *110* Dia. of Screw shaft *as per rule 6.61.96*Dia. of Tunnel shaft *as per rule 5.43* Dia. of Crank shaft journals *as per rule 6.02* Dia. of Crank pin *6 1/4"* Size of Crank webs *9 1/2 x 4 1/2"* Dia. of thrust shaft underArms *6 1/4"* Dia. of screw *8 1/4"* Pitch of screw *11 1/2"* No. of blades *4* State whether moveable *No* Total surface *28.3 sq. ft.*No. of Feed pumps *1* Diameter of ditto *2 1/4"* Stroke *12"* Can one be overhauled while the other is at work *✓*No. of Bilge pumps *1* Diameter of ditto *2 1/4"* Stroke *12"* Can one be overhauled while the other is at work *✓*No. of Donkey Engines *One* Sizes of Pumps *4 1/2 x 2 1/4 x 4"* Duplex. No. and size of Suctions connected to both Bilge and Donkey pumpsEngine Room *One 2" dia.* In Holds, &c. *Fish room, Bush well one each 2" dia.*Director *2" dia, drawing from all parts & with separate Sucs. in Engine room 2" dia*No. of bilge injections *1* sizes *3"* Connected to condenser, or to circulating pump *C.P.* Is a separate donkey suction fitted in Engine room & size *Yes: 2"*Are all 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 *None*Are all connections with the sea direct on the skin of the ship *Yes* Are they Valves or Cocks *Both*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 pipes carried through the bunkers *Sucs. from Fish room, Bush well & F.W. tank* How are they protected *Strong wooden casing*Are all 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*When were stern tube, propeller, screw shaft, and all connections examined in dry dock *new vessel* Is the screw shaft tunnel watertight *No*Is it fitted with a watertight door *✓* worked from *✓*Is forced draft fitted *No*Is it fitted with a watertight door *✓* worked from *✓*

Description

Where fixed

Description of safety valves

If steam from main boilers can

Range of tensile

Pitch of rivets

No. of Stays to do.

Description of

Working pressure of shell by rules

Thickness of water tubes

Manufacturers of Marine Engines & Boilers.

General Remarks (State quality of workmanship, opinions as to class, &c.)

The Engines & Boiler of this vessel, have been built under Special Survey, in accordance with Rule requirements. The materials & workmanship are good. When Completed, & properly fitted on board, they were tried under Steam at Moorings, with satisfactory results, and are now in good working order, and in my opinion eligible for the notation.

† L. M. C. 12.01. in the Society's Register Book.

It is submitted that
this vessel is eligible for
THE RECORD. + DMC 12.07

Ch.
6.1.02

H.S.
6.1.01

The amount of Entry Fee..	£	1	:	0	:	When applied for,
Special	£	9	:	6	:	28/12/1907
Donkey Boiler Fee	£	:	:	:	:	When received,
Travelling Expenses (if any) £	:	:	:	:	:	30/12/1907

Little & Swell
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping

Committee's Minute

TUES. 7 JAN 1962

Assigned

tlmc 12, 01

MACHINERY CERTIFICATE
WRITTEN.

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Foundation