

REPORT of SURVEY for REPAIRS, &c.

No. in Reg. Book. No. 30 Survey held at Philadelphia Date, first Survey April 15 Last Survey April 28th 1879
on the Iron sailing Ship Cord Cairns, Master J. Gunn
TONNAGE under Tonnage Deck
Ditto of Spar Deck, or Awaiting Deck
Ditto of Poop
Ditto of Raised Qr. Dk.
Ditto of Houses on Deck
Ditto of Forecastle
Gross Tonnage 1372
Crew Space, as per Rule
Register Tonnage, cut on Beam
Engine Room
Reg. Tons as St' mer, cut on Bm.

Built at Belfast When built 1877
Owners J. Dixon & Co Port belonging to Belfast
Residence Belfast
By whom built Harland Destined Voyage Dublin
If Surveyed Afloat or in Dry Dock Afloat
Length of Poop ft. Ditto, Forecastle ft. Ditto, Raised Quarter Deck ft. Years assigned. Character in Register Book.
Last Survey, No. 23055 Port Iron Classed 100 A 1.

REPAIRS, OR EXAMINATION AS PER RULE

This ship whilst being towed by a Steam Tug, was backed into another vessel and the Rudder Stock and frame was broken in two places, the former about 6 feet from the upper end, and the latter inside the plating at upper Pintle Step, and a Rudder plate on each side cracked. The steering gear on Deck was badly damaged. The Rudder was unshipped and taken up to the Ship Yard of Messrs William Cramp Sons, where the Stock was properly rewelded under the Steam hammer, two of the upper cracked plates removed, and a heavy piece of forged iron properly fitted inside of Rudder frame over the fracture and secured by one inch sawn lap bolts. The fractured plates (1/2 inch thick) were replaced by plates twice over.

Present Condition of the
Decks
Waterways
Copper
U
L
P
S
T
W
P
E
General
Opinion as to Class, &c.

Treenails
Breasthooks and Stemson
Transoms, Pointers, and Crutches
Timbers of the Frame at the openings
Ditto Ditto at other places
Keelsons
Clamps and Shelves
Ceiling
Rudder
Copper When put on
Caulking of
Bottom, Deck, & Waterways
Windlass and Capstan
Pumps
Boats
Masts, Yards, &c.
Condition, how ascertained
Sails
Anchors No. of
Cables
Hawsers and Warps
Standing & Running Rigging
Cargo and Main Hatchways
Hatches

The repairs of damage to the Rudder and steering gear of this vessel having been done under my direction and supervision and to my satisfaction, I am of the opinion that she merits the favorable consideration of the Committee to be continued in her class in the Register Book, 100 A 1.

Returning Repairs
The Amount of Entry Fee ... £ 3.10 : received by me, }
Special ... £ 6.00 : 187 }
Certificate (if required) ... £ :05 :
(Travelling Expenses, if any, £)

Committee's Minute 13th May, 1879

Character assigned 100 A 1

Surveyor to Lloyd's Register of British and Foreign Shipping.

23407 Iron

by new ones $\frac{7}{8}$ inch thick of first quality iron and rivetted.
The thickening ^{was} used in order to make up for the loss of strength at the fracture of frame at upper Rudder Step,

The iron at these fractures showed that it was not of a good quality, brittle, and had not sufficient working in its manufacture,

The Steering gear on Deck was thoroughly repaired and put in good Order,

The Master was given a Certificate on the Society's printed form that the vessel was in a good and seaworthy condition and fit to carry dry and perishable goods to and from all parts of the World,

Wm. Anshel
Surveyor



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Foundation