

(Received at London Office MON. DEC. 13 1920)

No. 15876

# REPORT of SURVEY for REPAIRS, &c.

of writing Report *4<sup>th</sup> Dec* 1920 When handed in at Local Office *9<sup>th</sup> Dec* 1920 Port of *Louth*  
No. in Survey held at *Louth* Date, First Survey *13<sup>th</sup> Nov.* Last Survey *30<sup>th</sup> Nov.* 1920  
Book. *1342* on the *Wood, Iron or Steel* *S.S. Ardanga* Master *J. McIn*

TONNAGE:— Built at *Louth* By whom *Wm Hawthorn & Co* When *1920* 12  
GROSS *933.31* Owners *J. Steen & Co* Port belonging to *Louth*  
UNDER DEK. *639.98*  
NET *465.79* Owners' Address  
(if not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? *No* Name of Dock *Prince of Wales* Destined Voyage  
WB=CellDBorDBa feet; uE&B feet; f feet; f  
Total capacity tons. FPT tons; APT tons; MT feet tons.

N.B.—All alterations in the existing records should be underlined.  
If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Last Report, No. *Port* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
CHARACTER. *+100 A1 Contemplated*  
Machinery and Boiler Surveys (including date of N.B., if any). *F.E. attached*

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported, the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined? *Yes* *Not required* Was a damage report made by anyone else? If so, by whom? *Mr D. A. Cornick, Esq*

REPAIRS, OR, EXAMINATION AS PER RULE, FOR *Damage stated to have been sustained on the 10<sup>th</sup> Nov. 1920*  
*by colliding with the Folbroth Wynd Bridge Louth. How done:—*  
*Flying Bridge 25 planks about 4-6 by P.P. lifted on this side & retained & 2 planks removed, all*  
*damage machinery removed & replaced also canvas dodgers, electric wires, 2 speaking tubes & 14 iron*  
*manchons removed & replaced & one iron manchin removed straightened & replaced, two hoppers taken*  
*down & replaced & 2 telegraph wires & crows taken down & refilled about 130 ft of whitewood*  
*lining removed - part of bridge lining renewed, 2 beds door post removed, covering board lifted*  
*and about 16 ft removed, about 54 ft of housing removed & about 30 ft of hull rail - side foreens*  
*removed part - that side & port one removed, bridge beam & rails removed & replaced, lifeboat racks*  
*removed & replaced, also bridge ladder, kick for ding bottle removed & replaced, single frame of bridge*  
*faired in place, bridge support manchin that side removed straightened & replaced, & port side manchin faired*  
*P.T.O*

SUMMARY OF DAMAGE REPAIRS:—	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed ... ..								
Removed and Faired or Repaired ... ..								
Faired or Repaired in place ... ..								

PRESENT CONDITION OF THE	Stringers	Dblng. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels
Decks	Inner Bottom Plating	Engine Room Skylights	(State if on Felt.)
Caulking of Decks	State if Tanks have been examined inside	Coal Bunkers, Openings, Lids, &c.	When put on, Month Year
Waterways	State if Tanks now tested	Scuppers	Boats
Coamings	Bulkheads	Cargo Hatchways	Masts, Yards, &c.
Beams & Fastenings	Ceiling	Hatches	Condition, how ascertained
Outside Plating	Cement or Asphalt (State which.)	Planking of Wood Vessels	(State if wedges removed)
Caulking of ditto	Rudder	Caulking ditto	Sails
Rivets	Steering gear and its connections	Freemails ditto	Equipment letter
Breasthooks & Crutches	Windlass	Breasthooks & Stemson ditto	Anchors, No. of
Transoms	Have Pumps now been examined and found efficient?	Transoms, Pointers, & Crutches ditto	Cables (State if now ranged)
Frames	Have Sluice Valves now been examined and found efficient?	Timbers of Frame at openings ditto	„ length (on board) size
Reverse Frames	Have Watertight Doors now been examined and found efficient?	Ditto ditto at other places ditto	„ Rule length size
Floors		Stringers, Clamps & Shells ditto	Hawser & Warps
Keelsons		Salting ditto (State if examined.)	Standing & Running Rigging

General Observations, Opinion as to Class, Recommendation, &c.:—  
State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:—“to remain as now classed in the Register Book without fresh record of Survey,” “to remain as classed and to have record of survey, 1,15,” or “to remain as classed and to have record of survey, 1,15, and the notations of ss No. 1-15 and ptND15, &c.”  
*This vessel is far as seen is now in good efficient condition & eligible*  
*in my opinion to obtain the Class +100 A1 Contemplated*

Survey Fee (per Section 28) £ : : Fees applied for, *10-12-1920*  
Special Damage or Repair Fee (if any) £ *3* : *3* : Received by me, *4-1-1921*  
Travelling Expenses (if chargeable) £ : :  
Second Surveyor's Fee (if any) £ : :  
of Visits *95*

Committee's Minute *FRI. 17 DEC. 1920*  
Character Assigned *See minute on S.E. report.*  
Surveyor to Lloyd's Register of Shipping. *Anderson*



As Aranga

found in place - lens for port side light removed - Lower Bridge start!  
side margin plank partly removed. also workboard about 24ft of iron rails removed  
remainder found in place - forward port lifeboat davit - removed found & replaced  
after port lifeboat davit - cast iron socket removed & shed floor. electric wire re-  
moved & replaced - All new or disturbed work now made & put in the original  
condition

Men deson

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

## ANCHORS.

[illegible]

\* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

## CHAIN CABLES.

[illegible]

Iron Stream Chain }  
or Steel Wire.... }

These particulars	
al Letters ( )	
Official Number	
2,02	
Date, and Port of	
Whether British or Foreign Built.	
British	
Number of Decks	
Number of Masts	
ed ... ..	
ies ... ..	
Network and	
ssel ... ..	
Number of Bulkheads	
Number of water	
and their capacity	
Quarter the depth	
bottom of keel ... ..	
Description	
Reciprocal Triple Deck Vern	
Particulars	
Multi-deck	
Description	
Number ... ..	
Iron or Steel	
Loaded Pressure	
Gross	
Tonnage Deck	
or spaces between	
Trunk ... ..	
Castle ... ..	
e space	
er Break	
Houses	
Houses	
House	
s for machine	
tion 78 (2) of	
t ... ..	
s of Hatchways	
Gross Tonnage	
tions, as per	
Registered	
The tonnage	
Deck for pr	
The underme	
Name of Master	
Owners	
Residence,	
Thom	
Robe	
H. J.	
015) Wt. 6771	
of rivets	
RHEAT	
Test	
ister of	