

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 11.12.12 When handed in at Local Office 12.12.12 Port of Aberdeen

No. in Reg. Book 227 Survey held at Aberdeen Date, First Survey 29.10.12 Last Survey 4.12.1912
(No. of Visits Seventeen) Master Samuel J. Dring

on the Wood, Iron or Steel s.s. "KATHLEEN"

TONNAGE:- Built at Belfast By whom Workman, black & boy When 1887
GROSS 367 Owners A. G. Mpp. & Co. (G. Blumie & Son Mgrs) Port belonging to Aberdeen
UNDER DEK. 296 Owners' Address A. Hall & Co.

NET 12.8 (if not already recorded in Appendix to Register Book)

Surveyed Afloat or in Dry Dock? Yes Name of Dock Slipway Destined Voyage Coasting

WB=CellDBorDBa feet; uE&B feet; f feet; Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
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. 10691 Port Abn

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100A1</u> <u>11.11.</u>		<u>L.M.C. 6.10.</u> <u>B.S. 7.11.</u>
<u>S.S. Abn. No 3-3.00.</u>		<u>T.S. 6.10</u>
<u>S.S. Abn. No 2-08.</u>		<u>1 ft 1 1/2 ins.</u>
Society's Freeboard (if assigned) as painted on Ship and now verified		

Periodical Surveys, when held, must be reported in detail and serialim 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 why they were declined? Was a damage report made by anyone else? If so, by whom?

REPAIRS, OR EXAMINATION AS PER RULE, FOR Special Survey No. 3.

Vessel placed on the Slipway, bottom, keel & rudder cleaned & examined. All oxidation removed & surfaces recoated. Shell plating drilled (Please see sketch at end of Report), holds & bunkers cleared, & all close ceiling & straining removed, machinery space, tunnel, chain locker, & fore & after peck tanks cleaned out, linings in fore-castle, bridge house, & after cabin entirely removed, & examination made of frames, reverse frames, floors, keelsons, stringers, engine & boiler beams, beams, bulkheads, tunnel, rivets, cement, & inside surface of shell plating. All oxidation chipped or beaten off the various parts & surfaces recoated. (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	Dblig. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels.
Decks	Good	Good	(State if on Feet.)
Caulking of Decks	Good	Good	When put on, Month
Waterways	Good	Good	Year
Coamings	Good	Good	Boats
Beams & Fastenings	Good	Good	Masts, Yards, &c.
Outside Plating	Good	Good	Condition, how ascertained
Caulking of ditto	Good	Good	(State if wedges removed)
Rivets	Good	Good	Sails
Breasthooks & Crutches	Good	Good	Equipment letter
Transoms	Good	Good	Anchors, No. of
Frames	Good	Good	Cables (State if now ranged)
Reverse Frames	Good	Good	" length
Floors	Good	Good	" Rule length
Keelsons	Good	Good	Hawser & Warps
			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, 1,09," or "to remain as classed and to have record of survey, 1,09, and the notations of ss No. 1-09 and ptND09, &c."

This vessel is now in good & efficient condition, & eligible in my opinion to remain as classed, & to have record of Survey 12.12.12, & the notation of s.s. Abn. No. 3.12.12.

Survey Fee (per Section 28) £ 5 : 0 : 0 Fees applied for, 12.12.1912
Special Damage or Repair Fee (if any) (per Sec. 29) £ Received by me, 17.12.1912
Travelling Expenses (if chargeable) £
Second Surveyor's Fee (if any) £

Committee's Minute
Character Assigned
FRI. DEC. 20. 1912
100A1
S.S. 2nd No 3-12.12
+ time 12.12
+ NB 12.12



2-763

To Certificate registered & If so, to be sent to

recoated.

The fore & after peak tanks tested & found satisfactory. Examination also made of decks (drilled) bulwarks, casings, hatchways, hatches, funnel & ventilators, windlass, steering gear, with chains, rods & leads, hand pumps, masts, (wedges removed) rigging (shackle pins removed) sluices, anchors, cables, & general equipment. The freeboard verified.

The following repairs due to wear & tear. — Fore hold — 14 frames fitted with reverse frames or part reverse frames as found necessary, & several runners fitted with face plates & bracket connections to keelsons & stringers, several beam ends fitted with extended knees & a considerable number of keelson & stringer legs renewed. Boiler Room Bulkhead: — Floor plate & all watertight collars renewed complete, two plates above same partly renewed, Crew Space: — 5 reverse frames fitted on port side with bracket connection to tank top, & 1 frame partly renewed on starboard side with bracket connection to tank top. Fore Tank: — 3 beams doubled & 3 top plates partly fitted with doubling plates. Engine Room Bulkhead: — One plate on port side renewed & one on starboard side doubled. After Hold: — 12 frames fitted with reverse frames or part reverse frames as found necessary, & several runners fitted with face plates & bracket connections to keelsons & stringers & several keelson legs renewed.

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

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 30 OR 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
	1st Bower ...																
	2nd ,,																
	3rd ,,																
	Collective Weight.																
	Stream																
	Kedge.....																

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

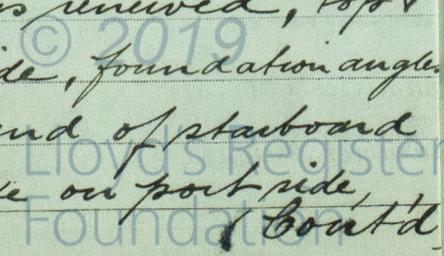
CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Table 30 or 31.		Description.	Makers of Cables.	When and where tested and Superintendent.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.			Per Table 30 or 31.						
					Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.				lbs.

After Peak Bulkhead: — 2 doubling plates fitted & one horizontal stiffener renewed with bracket connection to shell. After Peak — One centre girder side plate fitted, 6 extended knees fitted & tank top partly renewed. Bunkers — 6 frames fitted with part reverse frames & several face plates fitted on runners & a number of stringer legs renewed, top & bottom side stringer angles renewed on starboard side, foundation angle stays, girders & stiffeners partly renewed, fore end of starboard bunker renewed complete, & fore end of coaming plate on port side renewed.

N.B.—If this Report is copied by Copying Press, special 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.

If Patent state name of Patentee. If Stockists, state Mechanical Test.



side, S.S. "Kathleen."

partly renewed. Boiler Room - Centre guide rider plate renewed, 3 face plates fitted on reverse frames. Decks - 4 plates renewed at fore end of No. 1. hatch & 2 on port side of same, one doubling plate fitted at side of same hatch on port side, & shinger on port side also partly doubled, after end of deck between bridge front & hatch end renewed, 2 frames in Captain's Cabin fitted with bracket knees to Main Deck, 2 plates at fore end of No. 2. hatch renewed & 3 on port side of same also renewed, & part of hatch deck angle renewed, plates at after end of No. 2. hatch, & one plate at after end of same hatch on starboard side renewed, hatch web angles partly renewed, & webs faired & refitted, coaming plate of No. 1. hatch on starboard side, partly renewed, & coaming at fore end of same also renewed, hatch shoes fore fore & afters & hatch side angles for webs partly renewed, 4 reverse frames fitted in sidehouse under focastle on port side & bracketed to Main Deck, doubling plate fitted on lower part of bidge front in way of galley, 2 stem plates, part main rail & cope & several angles on bulwarks aft, renewed.

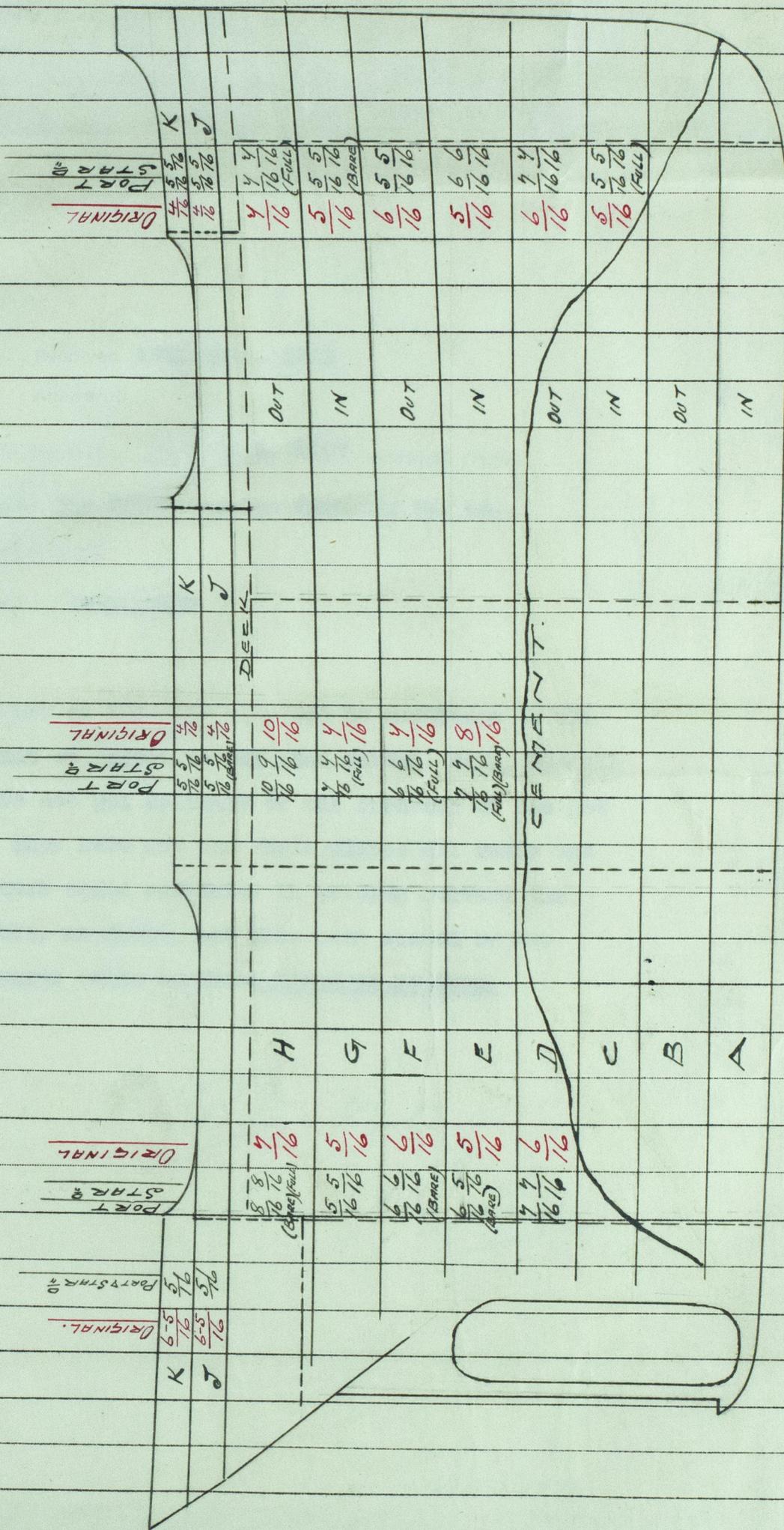
Port Alley way - 2 deck plates renewed alongside casing, 2 coaming plates of casing, part foundation angles, & part coal shoot renewed, 4 frames fitted with bracket knees, & riveted to Main Deck, shell doubling fitted in one frame space between decks, one plate at top of casing renewed, & one extended knee fitted to bidge deck beam. Starboard Alley way - 3 frames fitted with bracket knees, & riveted to Main Deck, & one casing plate in way of coal shoot renewed.

About 12 ft. of dished keel shoe fitted at after end & a number of defective shell rivets renewed, rudder lifted & examined & bottom pintle renewed & middle gudgeon rebushed, rigging overhauled & placed in good condition & pins renewed, shoring gear overhauled & pins, chains & rods almost entirely renewed, hatch covers & fore & afters repaired or renewed as required, close ceiling in holds almost entirely renewed, hand pumps repaired & made workable, & sluices & air & sounding pipes overhauled, hold & engine room stanchions faired & riveted, a few planks on bidge & quarter decks renewed & decks recaulked as required, windlars overhauled & placed in working order, casing & all fittings in way of bidge deck replaced in good condition, after fitting of new boiler, a number of minor repairs carried out internally & on decks.

James Dickie

(Continued)

James Dickie



Thickness of shell plating as now ascertained.