

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 19... When handed in at Local Office 7 7 1945 Port of NEWCASTLE-ON-TYNE

No. in Reg. Book 31799 Survey held at South Shields Date, First Survey 7th July Last Survey 2 July 1945

on the Wood, Iron or Steel SS RALOO Built at Campbeltown By whom Campbeltown S.B.C. YEAR 1919 MONTH 3

GROSS 1368 OWNERS Austin Friars S.S. Co Ltd Managers Galbraith Pembroke & Co Ltd Owners' Address Port belonging to Belfast

NET 758 Surveyed Afloat or in Dry Dock? Both Name of Dock Readheads Destined Voyage

Cell D B or D B a feet; u E & B feet; f ton capacity tons; FPT tons; APT tons; MT feet tons. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

N.B. All alterations in the existing records should be underlined. Last Report, No. Newcastle Port 102630

CHARACTER: * for Special Survey. Date of last Survey and of Periodical Surveys: +100A.1. 12.43 + L.M.C. 3.40. B.S. 8.44. SS SHL. No 3 9.31 T5. CL. 12.43. SS Goo No 2.40.

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? Underwritten Surveyor

PAIRS OR EXAMINATION AS PER RULE, FOR h3 and damage at p.s.f (See Newcastle Report No 101353) & causes unstated.

how done for General Examination: Vessel placed in dry dock, bottom and rudder cleaned examined & recoated.

Decks hatches, vents airpipes, casings, windlass, steering gear generally examined & found or made satisfactory

Holds, Peaks, Bunkers, Engine & Boiler Spaces, Yanks under Engines & Boilers examined & found or made satisfactory

DESCRIPTION	Shell Plates	Frames	R. Frames	Floors and Bracket Floors	Beams	Inner Bottom Plates	Dk. Plates	Other Items :-
Renewed ...	6	-	-	-	-	-	-	-
Removed and Faired or Repaired	11	10	-	-	-	-	-	-
Faired or Repaired in place	10	-	-	-	-	2	-	-

DESCRIPTION	CONDITION
Deck	Satisfactory
Plating	Good
Frames	Good
Bottom Plating	Good
Tanks examined internally	Good
Tanks tested	Good
Bulkheads	Good
Ceiling	Satisfactory
Cement or Asphalt	Good
Rudder	Good
Steering gear and its connections	Good
Windlass	Good
Have pumps been examined and found efficient?	Yes
Have Sluice Valves been examined and found efficient?	Yes
Have Watertight Doors been examined and found efficient?	Yes
Have Ventilators and their Coamings been examined and found efficient?	Yes
Air and Sounding Pipes	Good
Doubling Plates under Sounding Pipes	Yes
Engine Room Skylights	Good
Coal Bunkers, Openings, Covers, &c.	See Rpt.
Oil Bunkers	Good
Scuppers	Good
Cargo Hatchways	Satisfactory
Hatches	Satisfactory
Planking	Good
Caulking	Good
Treenails	Good
Breasthooks & Stemson	Good
Transoms, Pointers & Crutches	Good
Timbers of Frame at openings	Good
" " at other places	Good
Stringers, Clamps & Shelves	Good
Sanding	Good
Copper, or Y.M. (State if on Felt.)	Good
When fitted, Month	Year
Boats	Good
Masts, Yards, &c.	Good
Condition, how ascertained (State if wedges removed.)	By Exam
Equipment letter	None
Anchors, No. of	2 B. 1 S.
Cables (State if now ranged)	Yes
" length 210 mean diam. 1 1/2 (on board.)	1 1/2
" Rule length 240 size 1 9/16	1 9/16
Chain Locker	Good
Hawsers & Warps	Good
Standing and Running Rigging	Good
Sails	Good

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 classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,38," or "to remain as classed and to have record of survey, 1,38, and the notations of ss No. 1.38."

This vessel is eligible in my opinion to remain as classed with fresh record of survey 7-45, the notation 2nd S.S. h. 3 with place & date being deferred until completion, subject to shell plates h. 44 5 sheerstrake plates & h. 3 & 4 hullwash plates (from aft) s.s.a being dealt with at owners convenience. Bower anchor and 30 fathoms cable to supply.

Survey Fee (per Section 29) 2nd S.S. No 3. 38 15 0 Fees applied for, 18 JUL 1945. Special Damage or ... Fee (if any) 21 0 0 Received by me, Thomas E. Snowden & John M. Ballum.

Travelling Expenses (if chargeable) Second Surveyor's Fee (if any) License Case. Fri. 10 AUG 1945

Committee's Minute Character Assigned Defered in comp. h. 3 but record 7.45 Shl. Exam 7.45 B.S. 7.45

31799

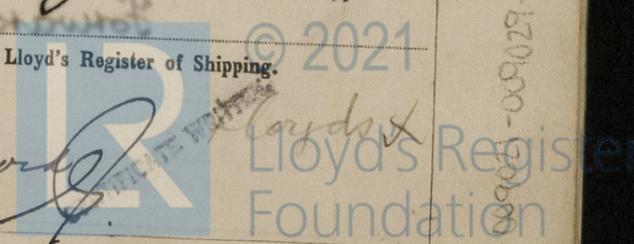
JUL 1945

1

Is Certificate required? If so, to be sent to

10m 9.44 - Transfer Ink MADE AND PRINTED before the 1st

105



General Exam (Contd)

Renewal

The requirements of Freeboard Survey were carried out at this time.

How done for SS h^o 3

Vessel placed in dry dock, bottom and sudder cleaned examined & recoated.

Holds (ex tank top & tunnel), peaks, lower bunkers, engine & boiler spaces examined & steelwork scaled as necessary and recoated.

Plating in way of sidelights examined. Shell drilled (See form attached)

All tanks (ex after D.B tank) including after peak tanks examined internally

Engine Room & After Peak tanks tested

Cables ranged, chain locker, anchors masts & rigging and general equipment examined. Fore Peak pump watertight door, air sounding pipes, windlass, steering gear and its connections examined and found or made satisfactory. Freeboard verified.

To complete the Special Survey the following requires to be done:-
Shell plating in upper bunkers to be further examined

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 RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	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 rule.		Description.	Makers of Cables.	Where and when tested and Superintendent.	
	Length.	Diam.	Stair- tory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.						
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.						

Iron Stream Chain or Steel Wire

Hold: Tank tops & tunnel to be examined. Ceiling to lift.
Queen Decks: Forecastle, crew spaces and tween deck bunkers to examine
Decks, hatchways & hatches & ventilators to examine
After D.B tank to examine internally.
Forward & after & Boiler Room D.B tanks to test.

(Contd)

How done for wear & tear repairs:

Shell:- H. 9 Post & C. 2 Post renewed.

D Strake (p & s) upper landings fitted with joggled plate doublers where worn.

Defective rivets renewed as necessary.

Rudder: 4 pintles removed, machined and refitted.
4 bushes renewed

Cables:- Studs renewed or hardened as necessary.

Tanks:- 3 floors in Engine Room tank doubled at top half

Peaks: Fore lower stinger p & s in way of chain locker, cropped & part renewed with half round edge moulding.

AFTER. Bulkhead horizontal stiffener riveted & angle lugs renewed.

Holds:- Main Frames:- 10 Post & 9 Std in h^o 1 Hold renewed

16 Post & 13 Std - h^o 3 "

4 Post & 4 Std - h^o 4 " "

Cement in bilges renewed as necessary & ceiling at Bilges part renewed.

Stringers:- h^o 1 Hold:- Upper p & s bracket renewed

Lower p & s cropped & part renewed with face angles, brackets, & lugs.

h^o 3 Hold: Lower p & s renewed with lugs

Centre p & s " " "

Upper p & s removed faced & refitted

Fore Peak bulkhead 2 centre plates renewed.

Hold Pillars brackets to tank top renewed as necessary.

1 Tank Top plate in h^o 2 hold renewed.

Ceiling under h^o 2 hatch renewed.

Bulk^{hd} at fore end of h^o 3:- 1 Stiffener cropped & part renewed.

4 brackets renewed.

Tunnel recess cleading part renewed. & h^o of holes filled up.

Engine & Boiler Spaces:- 4 local doublers fitted to tank top

2 margin lugs renewed.

Bunkers:- Lower. 3 plates on Fore Bulkhead renewed, 1 plate on aft bulkhead renewed and 2 cropped & part renewed.

2 Stiffeners renewed. All Scaled & recoated

Upper:- 2 deck plates cropped & part renewed in 1 plate.

Decks:- Fore Well. 1 plate s.s aft hatch corner doublers in way renewed

Bridge:- Forest stinger plates p & s renewed with angle in way. 1 plate p.s. cropped and part renewed

& deck house casings in way doubled or part renewed

Aft stinger plate extension p & s cropped & part renewed

Aft Well. Fore stinger plates p & s cropped & part renewed.

1 plate s.s aft renewed.

Mast & Rigging:- Main topmast renewed. All rigging stays renewed.



Wear & Tear Repairs (Cont^d)

Windlass:- Cable lifters & Brakes overhauled

Steering Gear:- Rod eyes built up, chains annealed
sheaves relubricated, rollers & shackles renewed as
necessary.

Chain locker (Wood) part renewed.

Hatches: Hatch coaming mouldings renewed as necess^y.

2 hatch beams to h^o1 Hatch renewed

1 " " " h^o2 " "

2 " " " h^o4 " "

Hatch Covers renewed as necessary.

J. E. Lowden

See details of damage repairs on Sheet 4.

Now done for damage:-

Port Side Forward (as per Spec Reasons) :-

G.3 Fused in place

H.3 " " "

H.4 Renewed (Bulwark)

H.5 & J.3. Removed fused & refitted

4 Bulwark stays renewed & 1 removed fused & refitted, & angles to deck and bulwark removed fused and refitted.

1 Forecastle deck plate & 1 upper deck plate in way heated & fused in place. Deck angles in way fused in place.

Rails & stanchions repaired.

1 Forecastle front plate & shell angle fused in place.

New & disturbed work recoated.

Damage (cause unstated)

Shell Port:-

E.3, 11, 12. Fused in place & G.3

F.3, 5 & 11; G.4 removed fused & refitted.

E.4.5; F.4; G.11; renewed.

Shell Starboard:-

E.3; F.5; G.2 & 4; fused in place

E.4, 5, & 8; F.4; G.3 removed fused & refitted

F.3. renewed.

Frames:-

Port:- nos 17, 19, 20, 21, 23, 24 & 25 from F.P.B¹⁰ removed fused & refitted

Starboard:- nos 23, 24, 25 removed fused & refitted.

Nothing was done at this time to the damage shell & bulwark plates on the Starboard side aft, but these remain efficient.

J. E. Snowden.