

C.S. Heads tested by Admiralty Inspectors.

EQUIPMENT No.		LETTER		ANCHORS.		TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS	
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 31.	Description of Anchor.	Makers.
76947	1st Bower	73 0 9	Cwts. qrs. lbs.	55 10 0	70 0 0	Hall's Stockless	N. Hingley & Son, 21/12/16, H. Green.
76955	2nd "	72 3 17	"	55 5 0	70 0 0	"	" " 22/12/16.
76552	3rd "	60 0 0	"	48 7 2	58 0 0	"	" (See General Remarks)
	Collective weight.	205 3 26	"		198 0 0		
3039 A	Stream	12 1 16	2 10 14	4 0 7	12 0 0	Admiralty Patent	Steel Co. of Scotland, 28/12/16, E. Leith.
3041 A	Kedge	6 0 8	1 0 18	8 7 2	6 0 0	"	" " "

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.	Length and Size per Table 31.	Description.	Makers of Cables.	Where and when tested.	Material.	Length and Size supplied.	Breaking Test of Steel Wire Towline.	Length and Size per Table 31.
61211	150 2 8	8 1/4 1/2	334.0.0	300 2 8	Stud link.	N. Hingley & Son, 18.1.17, H. Green.	" 20.2.17 "	TOWLINE	150 5 1/2	5 1/2	300 2 8
64613	150 "	" "	342.2.0	300 2 8	"	" 20.2.17 "	" 10.2.17 "	HAWSERS & WARPS	2/150 4 1/2	"	"
61251	11 shack "	" "	8.1.5	"	"	" 10.2.17 "	" " "	"	2/120 3	"	"
61333	5 " Off "	" "	6.2.10	"	"	" " "	" " "	"	4/120 2 1/2	"	"
64615	4 " " "	" "	2.3.18	"	"	N. Hingley & Son, 7.6.17, "	" " "	"	2/113 7	"	"
									2/113 6	"	"
									50 10	"	"

Boats Two 24ft. lifeboats. One 20ft. dinghy. One 13ft. dinghy. Steering Gear, Steam Donkin & Co. Steering Gear, Hand Donkin & Co.
Pumps, Number Cargo Ballast Pump & Hand Pump to No. 1 tank. State whether they are in efficient working order Yes.
Windlass is Clark, Chapman & Co. Capstan (aft) Emerson, Walker.
Engine Room Skylights. How constructed? Steel. What arrangements for deadlights in bad weather? Steel flap & bull's eyes.
Coal Bunker Openings. How constructed? How are lids secured? Height above deck? 3' 9" on each side.
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 4 scuppers and 6 freeing ports (3 @ 47" x 18", 3 @ 36" x 18") on each side.
Ceiling in Holds, thickness and material Cargo Battsens, thickness and material
Cargo Hatchways. How formed? Hatches, If strong and efficient?
State size No. 1 Hatch (Forward) No. 2 Hatch No. 3 Hatch No. 4 Hatch
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch
Bulwarks, height above deck and description 3'-9" Steel plates. No. of Breasthooks Ten. No. of Crutches One + deep floor.
The foregoing is a correct description. Main Rail, material and size 6 1/2" x 3" x 40". 18.2.
Builder's Signature (here only) M. C. C. Surveyor's Signature J. W. Stuart.
Director

Correspondence. State dates and initials of letters respecting this case. (Reference should be made in any correspondence connected with the case)

(M) Non 2nd May 1916 to date of writing this report. Correspondence not yet finished.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed & overlapped.

Is the riveted work properly closed? Yes.

Are the liners between the frames and plates solid single pieces? Yes.

to plate, &c., conform well to each other? Yes.

from the faying surfaces? Yes.

Do any rivets break into or through the seams or butts of the plating? A few.

Are the butts of Plating, Stringers, &c., properly shifted and overlapped? Yes.

Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes.

State results of tests Satisfactory.

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? Yes.

State results of tests Satisfactory.

General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the approved plans: specifications, and the Secretary's letters referred to above, and in other respects in conformity with the Rules. (See Remarks on page 4.)
The materials and workmanship are good.
The oil cargo tanks: oil fuel tanks: water ballast tanks and Cofferdams have been tested under the required water pressure.
The telemotor, steam and hand steering gears: steam windlass and steam working Capstan have been examined under working conditions.
The vessel has been fitted up with Electric Lighting & wireless installations.
Vessel has been placed in Dry Dock and the bottom and rudder cleaned, examined and recoated.
The approved plans of Midship Section and Profile are forwarded herewith for reference. (Sister Vessel = R.F.A. "Rapidol" - W.H.P. Rep. No. 15397.) P.T.O.
The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ : : Fees applied for, 17/12/17 1917
Special Survey Fee £ 250 : : Received by me. 17-1-1918 24-1-18.
Travelling Expenses, if any £ : :
State whether the Vessel has been built under Special Survey. Yes
I am of opinion this Vessel should be Classed +100 All "For Government Service"
With, or without Freeboard, as condition of Class Without. "Carrying petroleum in bulk."
(See General Remarks.)
Certificate to be sent to W. Hartlepool. Date of issue 14/12/17
Surveyor to Lloyd's Register of Shipping. J. W. Stuart.

Committee's Minute

Character assigned

FRI. DEC. 14 1917.

In Government Service
Carrying petroleum in bulk

Lloyd's a & b. P.

+ L.D. 11.17.
L.D. Fitted for oil fuel
11.17 F.P. above 150°F

W198-01973/3

GENERAL REMARKS—(continued).

Equipment:—Test Certificates were not produced for the 3rd (span) Bower Anchor, but the Builders have the matter in hand and as soon as these certificates have been obtained and endorsed a supplementary report will be forwarded to the Secretary.

Anchor Arrangement:—The Anchors do not stow satisfactorily in the hawse pipes and it is recommended that this defect should be remedied at the 1st opportunity. Please refer to the present correspondence with the Secretary respecting this matter.

J.W.S.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 46.0' ft., R.Q.D. ☒ ft., Bridge 106.5' ft., Forecastle 39.0' ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book) 2 decks. (Steel.) & web frames. Longitudinal framing.
Official No. 140408. ; Signal Letters ☒ Cement. Paint clear of Oil Tanks outside. Paint.
How are the surfaces preserved from oxidation? Inside

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors Cellular System

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity Tons.
Double bottom, aft,	68	146	Fore peak tank,		49
Double bottom, under Engines and Boilers,			After peak tank,		32
Double bottom, if under Engines only,			Deep tank, aft,	24	91
Double bottom, if under Boilers only,			Deep tank, forward,		119
Double bottom, forward,			Other tanks, if fitted, 2 Cofferdams.		
Total capacity of double bottom		146	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules ☒ Yes.

Order for Special Survey No. 2220

Date 19th June 1916.

No. 887, in builder's yard.

DATES of Surveys held while building

1916. Sep. 14. 22. 29. Oct. 2. 11. 14. 17. 24. 26. Nov. 2. 7. 14. 22. 27. 30 Dec. 2. 4. 8. 13. 19. 22. 29. 1917. Jan. 5. 12. 16. 18. 26. 30. Feb. 2. 6. 7. 14. 19. 20. Mar. 12. Apr. 4. 18. 27. May 2. 11. 16. 22. 23. 25. 30. 31. June 2. 7. 8. 9. 12. 13. 16. 18. 20. 21. 22. 25. 26. 27. 28. 29. July 2. 3. 4. 5. 9. 10. 12. 16. 17. 18. Aug. 3. 13. 16. 18. 21. 26. Oct. 1. 2. 3. 5. 6. 8. 11. 15. 18. 22. 23. 24. 25. 26. 30. 31. Nov. 1. 2. 5. 6. 7. 8. 9. 12. 14. 15. 16. 17. 19. 20. 23.

Total No. of Visits 11.

Surveyor's Signature

Jas. W. Stuart
H.M.S. Register
Foundation