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EQUIPMENT No. 16804						LETTER		ANCHORS.		TONNAGE U.D.K. OR PLATING FOR TRAWLERS						
Number of Certificate.	Anchors.	WEIGHT EX STOCK			WEIGHT OF STOCK			TEST PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.			
47	1st Bower ...	38	3	0	STOCKLESS	34	19	1	14	35	2	0	NATIONAL	CLEVELAND CLEVELAND	14-18 MAR	
31	2nd " ...	36	2	27	"	33	11	3	14	35	0	0	"	STEEL CASTING CO.	28-12-17 "	
33	3rd " ...	30	0	5	"	28	12	2	0	30	2	0	"	"	28-12-17 "	
	Collective weight.	104	2	4	"					101	0	0				
82	Stream	13	0	4	"	14	15	0	0	9 1/2	CWTS EX STOCK	NATIONAL	"	"	23-2-18 HAR	
80	Kedge.....	6	1	0	"	8	10	0	0	4 1/4	"	"	"	"	23-2-18 "	

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials,
Number of Certificate, Date
of Test.

1st Bower HEAD 12 FEET SHANK 15 FEET
2nd " " " " "
3rd " " " " "
" STREAM & KEDGE HEAD AND SHANK 15 FEET.

CHAIN CABLES.										HAWRSERS 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, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.					
	Fathoms.	Inches.		Cwts.	qrs.						lbs.	Fathoms.		Inches.	Length.	Cir.	Length.	Cir.	
881	210	1 3/4	555	778	546	22	370	1 1/2	240	1 1/2	LINK	AMERICAN COLUMBUS OHIO	20-7-18 F. STALEY	TOWLINE S.W.	90	3 1/2	34	90	3 1/2
														HAWRSERS & WARPS	2090	1 3/4	10	2090	5
Iron Stream Steel Wire	75	4	42				75	4	S.W.	CE CLEVELAND	18 SEPT 1918								

Boats THREE Steering Gear, Steam EFFICIENT Steering Gear, Hand EFFICIENT
Pumps, Number ROMSEY DOUBLE ACTING HAND PUMP Diameter of Barrel 5 State whether they are in efficient working order YES
Windlass is EFFICIENT Capstan Y
Engine Room Skylights.—How constructed? STEEL What arrangements for deadlights in bad weather? BULLS EYES & SHUTTERS
Coal Bunker Openings.—How constructed? STEEL How are lids secured? BATTENS & CLEATS Height above deck? 18"
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 10 SCUPPERS & 12 FREEING PORTS 42"x18"
Ceiling in Holds, thickness and material 2 1/2" PINE AT BILGES Cargo Battens, thickness and material NOT FITTED.
Cargo Hatchways.—How formed? STEEL PLATES, ANGLES & Z. BARS Hatches, If strong and efficient? YES
State size No. 1 Hatch (Forward) 28'-0" x 18'-0" No. 2 Hatch 28'-0" x 18'-0" No. 3 Hatch 28'-0" x 18'-0" No. 4 Hatch 28'-0" x 18'-0"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch FIVE SHIFTING BEAMS 15" x 14 1/2 LBS PLATING AND 4 ANGLES 4" x 3" x 9.8 LBS.
No. of Breasthooks THREE No. of Crutches DEEP FLOORS
Bulwarks, height above deck and description 66" x 12.5 LBS. PLATE Main Rail, material and size 7" x 15.6 LBS CHANNEL
The foregoing is a correct description. McDougall-DULUTH CO. Surveyor's Signature James Brickton & Geo. Lilly
Builder's Signature (here only) J. Miller McGinnis Surveyor to Lloyd's Register of Shipping.

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

Workmanship. Are the butts of plating planed or otherwise fitted? PLANED WHERE PRACTICABLE.
Is the riveted work properly closed? YES
Are the liners between the frames and plates solid single pieces? YES Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? YES Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? YES Do any rivets break into or through the seams or butts of the plating? NO
Are the butts of Plating, Stringers, &c., properly shifted and lapped? 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 Rules and approved plans.

The workmanship and material are of good quality.

This Vessel is a sister vessel of the "Lake Helen" Report 14

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... \$125 : Fees applied for, 9th Oct. 1918
Special Survey Fee... \$374 : Received by me.
Travelling Expenses, if any \$82 :
FREEBOARD SURVEY \$50 :
State whether the Vessel has been built under Special Survey SPECIAL SURVEY.
In my opinion this Vessel should be Classed + 100 A.I.
With, or without Freeboard, as condition of Class WITHOUT FREEBOARD
Committee's Minute New York OCT 29 1918
Character assigned note:- ASOP + 100A1
Engl. + dmc 10.18
no cargo battens
Elec. Lt

Certificate to be sent to Duluth Date of issue 27.11.18
James Brickton & Geo. Lilly
Surveyor to Lloyd's Register of Shipping.

GENERAL REMARKS—(continued).

WEB FRAMES.

RAMES, In Fore Body, No. and sp

	"	"	brdth. & thic
No. of Side Stringers	"	"	"

NAMES. In E. & B. Space, No. & s
 „ „ brdth. & th

FRAMES, In After Body, No. and s
,, ,, brdth. & th

No. of Side Stringers „
Size of Face Angles to **Web-Fram**
ET PLATES to Stringers bet

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HEADS.	Number.		Thickness. <i>LES.</i> <i>inches</i>
	Vessel.	Per Rule.	
HEADS	4	4	
54	1	1	17/100
75	1	1	14/70
VISION 77	1	1	13/70
100 148	1	1	17/9 1/4
148			12

Outside Plates doubled two space
~~ance Valves and~~ Watertight

_____ F

RAKES.

	Breadth.	T
ATE KEEL. (A...)	Inches.	
el, state Riveting.)	43	
D or A Strake		
ual B	53	
in C	"	
uble D	"	
E	"	
F G	56	
H	54	
I J	54	
K	54	
L	53	
M	43	
N		
O		
P		
Q		
R		
S		
T		
U		
V		
W		

FSH'R STRIKE }
LONG BRIDGE }
TRAKE BELOW }

at Plate Keel	C
cheerstrakes)	L

d thickness. }
S

EDGE SIDES ...
E SIDES

Double b

Deck } But
Plate } ~~Star~~

Beck } Bu
Plate } St

(3)

Order for Spe

extend in
D FRAI

Date

No. 9

STS...

Yards and Remainder of

Suit

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 26 ft., PLUS 1/3" ON B.O.D. ft., Bridge 64 ft., Forecastle 14 ft., PLUS 5/8" AT EACH END NOT EXTENDING TO SHIP SIDE

(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 should appear in the Register Book) ONE STEEL DECK ONE TIER OF BEAMS

Official No. 216990 ; Signal Letters L.N.C.S. AMIDSHIPS

How are the surfaces preserved from oxidation? Inside CEMENT State if Machinery is fitted aft Outside PAINT

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed Where Fitted.

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

	*Length. Feet.	Water Capacity. Tons.	
Double bottom, aft,	78		
Double bottom, under Engines and Boilers,			
Double bottom, fore,			

Double bottom, aft,			Double bottom, under Engines and Boilers,			Double bottom, if under Engines only,			Double bottom, if under Boilers only,			Double bottom, forward,		
*Length.	Feet.	Water Capacity.	*Length.	Feet.	Water Capacity.	*Length.	Feet.	Water Capacity.	*Length.	Feet.	Water Capacity.	*Length.	Feet.	Water Capacity.
	78	220		20	68		13-25	7		15	93			
	12			104	293									
					581									

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

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. 37

Date 18 JAN. 1918

No. 4 in builder's yard.

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Feb. 25. 27. 28. March 1. 2. 4. 6. 7. 9. 12. 15. 16. 20. 22. 25. 26. 29. April 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. May 1. 3. 6. 7. 9. 11. 13. 14. 16. 20. 21. 23. 24. 25. 26. 29. 31. June 1. 3. 4. 5. 7. 11. 15. 20. 25. 27. July 2. 4. 10. 13. 16. 18. 20. 23. 25. 27. 30. Aug 2. 3. 5. 6. 8. 10. 12. 16. 19. 21. 24. 26. 28. 31. Sept. 2. 3. 4.

Surveyor's Signature *James B. Richter* *7* *10*

Total No. of Visits 100

meter of Safety Valve

Register

tion

SECRET