






EQUIPMENT No. 38498										LETTER 2+										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.		Where and when tested and Superintendent.															
				Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.	qrs.	lbs.																							
3542		1st Bower		55	2	9	14	2	11	45	15	1	7	54	2	0	Trotman				Baldt		Chester Pa 28-11-16																
3547		2nd "		55	1	22	14	0	22	45	13	3	0	54	2	0					Anchor Co		" " 27-11-16																
3569		3rd "		59	1	14	Stockless			47	19	2	21	58	2	0	Baldt						" " 28-11-16																
		4th "																						F. Adamson															
		Collective weight.		170	1	17								164	2	0																							
3567		Stream		23	3	0	Stockless			23	13	3	0	73	3	0	Baldt				Baldt		Chester Pa 28-11-16																
3329		Kedge		10	3	26				12	17	2	0	10	0	0					Anchor Co		" " 28-11-16																
																								F. Adamson															
Particulars of Drop Test of Cast Steel Anchors, viz.:—																																							
Weight, Surveyor's Initials,																																							
Number of Certificate, Date of Test.																																							
1st Bower 55-2-9 14-2-11 3572 B.C.T.R 28-11-16 7A 45-15-1-7																																							
2nd " 55-1-22 14-0-22 3517 B.C.T.R 27-11-16 7A 45-13-3-0																																							
3rd " 59-1-14 " 3569 B.C.T.R 28-11-16 47-2-0 7A 47-19-2-71																																							
Stream 23-3-0 " 3567 B.C.T.R 28-11-16 16-3-4 7A 23-13-3-0																																							
Kedge 10-3-26 " 3329 B.C.T.R 28-11-16 8-8-14 7A 12-17-2-0																																							
CHAIN CABLES.																																							
HAWERS AND WARPS.																																							
Number of Certificate.																																							
Length and size supplied.																																							
Status Break ing.																																							
Weight of Chain Cable.																																							
Supplied.																																							
Per Rule.																																							
Length and size per Table 31.																																							
Description.																																							
Makers of Cables.																																							
Where and when tested, and Superintendent.																																							
Material.																																							
Length and size supplied.																																							
Length.																																							
Cir.																																							
Breaking Test of Steel Wire.																																							
Towline.																																							
Length.																																							
Cir.																																							
174																																							
270																																							
2 5/8																																							
96 1/2																																							
134 3/4																																							
724 1/2																																							
920 3/4																																							
270																																							
2 5/8																																							
Steel Link																																							
Lebanon																																							
Lebanon Pa.																																							
Chain Works																																							
9-1-17 W. Craig																																							
E. A. Robbins																																							
Newton, N. H.																																							
21-10-16 W. Trotman																																							
Sen. of N. H.																																							
21-10-16 W. Trotman																																							
Boats																																							
4 lifeboats 26-10 + one 20ft dinghy																																							
Pumps, Number 2 Steam pumps to fore hold, fore peak flat																																							
Windlass is efficient, Amers bag. Co.																																							
Capstan																																							
Engine Room Skylights.—How constructed? Steel with hinged covers																																							
What arrangements for daylight in bad weather? Fixed lights in covers																																							
Coal Bunker Openings.—How constructed? Steel plates & angles																																							
How are lids secured? Lashaulis & Bolten																																							
Height above deck? 18 on Pop. Deck																																							
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 14 Scuppers + 22 Freeing Ports 40" x 18"																																							
Ceiling in Holds, thickness and material 2 1/2 in																																							
Cargo Battens, thickness and material 2"																																							
Cargo Hatchways.—How formed? Steel plates & angles																																							
Hatches, If strong and efficient? Yes																																							
State size No. 1 Hatch (Forward) 9-0 x 15-3 x 24																																							
No. 2 Hatch																																							
No. 3 Hatch																																							
No. 4 Hatch																																							
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch One thwartship beam 12 x 32 + 3 x 3 x 42 angles to No. 1 Hatchway																																							
No. of Breasthooks 13																																							
No. of Crutches deck floor																																							
Bulwarks, height above deck and description 3-6 above deck																																							
Main Rail, material and size Steel Y Channel																																							
The foregoing is a correct description.																																							
SKINNER AND EDDY CORPORATION																																							
Builder's Signature (here only) M. H. Keel, N. H.																																							
Surveyor's Signature W. P. Collings & John Whitehead																																							
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) M 9-5-16																																							
M 8-5-16; M 22-5-16; M 24-5-16; M 9-6-16; M 23-6-16; M 28-6-16; 13-7-16; M 4-4-17; M 25-5-17; M 4-5-17																																							
Workmanship. Are the butts of plating planed or otherwise fitted? Yes																																							
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 strapped? 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.) The quality of workmanship is good.																																							
This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates and in general conformity to the rules for the class contemplated. The whole of the hold oil tanks, summer tanks, fuel tanks, bunkers, cofferdams, pump room deep tank and peak tanks have been tested in accordance with the rules for vessels intended to be engaged in carrying oil in bulk and found satisfactory. The main pipe line has been tested and found satisfactory.																																							
Four Casting and Forging certificates are herewith forwarded for filing with report.																																							
This is a sister vessel to the "S. T. Harkness" see Rpt No 495.																																							
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.																																							
Fees applied for,																																							
The amount of Entry Fee ..... \$ : 25 : 00																																							
Special Survey Fee.... \$ : 984 : 50																																							
Travelling Expenses, if any \$ : 24 : 69																																							
Received by me.																																							
Certificate to be sent to Seattle Wash. Date of issue JUL 23/17																																							
State whether the Vessel has been built under Special Survey Yes																																							
I am of opinion this Vessel should be Classed F 100A1 "Carrying Petroleum in bulk" W. P. Collings & John Whitehead																																							



# PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.			
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.		
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Number.	Diameter.	
Framing of 		6	3.5	15.0	6	3.5	15.0	6	3.5	15.0	6	3.5	15.0	7/8	5/4	7	7/8
Frames in Bridge 'tween Decks ...		7	3.5	16.5	7	3.5	16.5	7	3.5	16.5	7	3.5	16.5	1	6	-	-
Frames from Uppermost Continuous Deck		7	3.5	16.5	7	3.5	16.5	7	3.5	16.5	7	3.5	16.5	1	6	-	-
" 2		-	-	-	-	-	-	-	-	-	-	-	-	7/8	5/4	10	7/8
" 3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" 4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" 5		7	3.45	20.9	7	3.45	20.9	7	3.45	20.9	7	3.45	20.9	-	-	-	-
" 6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" 7		10	3.375	21.7	10	3.375	21.7	10	3.375	21.7	10	3.375	21.7	-	-	-	-
" 8		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" 9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	7/8
" 10		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" 11		10	6.5	27.2	10	3.5	27.2	10	3.5	27.2	10	3.5	27.2	-	-	16	7/8
" 12		12	3.77	35.0	12	3.77	35.0	12	3.77	35.0	12	3.77	35.0	-	-	12	7/8
" 13		12	3.89	40.0	12	3.89	40.0	12	3.89	40.0	12	3.89	40.0	-	-	-	-
" 14		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" 15		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
" 16		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Spacing of Longitudinal Frames		Amidships 30" At Ends ... Bottom Longitudinals tapered to 2" at fore peak bulkhead															
Double Bottoms		Tank Top Longitudinals 7 3.43 18.6 Bottom 7 3.43 18.6															
Spacing of Longitudinals		Amidships 30" At Ends ... 30"															
Transverses.		In Bridge { Depth and Thickness 14" .38 Face Angles 4 3.5 .44 Lugs to Shell 3.5 3.5 .40 In Awning, Shelter or Upper 'tween Decks. { Depth and Thickness 40 PL BKTs Face Angles 3.5 3.5 .40 Lugs to Shell 3.5 3.5 .40 In Hold. { Depth and Thickness 30 .46 Face Angles 6 3.5 .50 Lugs to Shell 6 6 .46 Brackets T.40, B.46 Spacing of Transverse Frames 8.6															
Longitudinal Beams of		Bridge Deck ... 6 3.5 15.0 Upper 7 3.45 20.9 Second " Third "															

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 97 1/2 ft., R.Q.D. ft., Bridge 41.0 ft., Forecastle 34 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 should appear in the Register Book) 2 bks (44)

Official No. 218181; Signal Letters 4 A Z 7 State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside Paint, clear of oil tanks. Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap. Tons.
Double bottom, aft,	12.0	58	Fore peak tank,	26.75	199
Double bottom, under Engines and Boilers,	63.0	130	After peak tank,	10.00	66
Double bottom, if under Engines only,	-	-	Deep tank, aft,	26.0	45
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	-	8234
Double bottom, forward,	-	-	Other tanks, if fitted,	-	1136
Total	75.0	188	(If necessary, furnish further information by sketch.)	-	382

\* 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. 6

Date 3-7-16

No. 14 in builder's yard.

DATES OF SURVEYS held while building

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

Surveyor's Signature W. Collings & John Whitehead

Total No. of Visits 80