

WEB FRAMES.		Inches in Ship.	Inches in Ship.	Inches per Rule. Or as approved.	Inches per Rule. Or as approved.
WEB-FRAMES, In Fore Body, No. and spacing					
" " " " brdth. & thickness					
" " " " No. of Side Stringers " "					
WEB-FRAMES, In E. & B. Space, No. & spacing					
" " " " brdth. & thickness					
WEB-FRAMES, In After Body, No. and spacing					
" " " " brdth. & thickness					
" " " " No. of Side Stringers " "					
" " " " Size of Face Angles to Web-Frames.....					
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....					

BULKHEADS.	Number.	Thickness.	STIFFENERS.				Single or Double Frames.	Height up, state deck.
			Horizontal.	Vertical.	Horizontal.	Vertical.		
	Vessel.	Per Rule.	Inches.	Spacing.	Inches.	Spacing.	Inches.	
W.T. BULKHEADS	3	4/20 & 5/20	2 1/2 x 1 1/2	28	3 x 2 1/2 x 5/16	4 ft 6 in 0 in		
" COLLISION "	1	1/20 & 5/20	2 1/2 x 1 1/2	28	3 x 2 1/2 x 5/16	4 ft 6 in 0 in		
PARTITION								
LONGITUDINAL..								

Are the outside Plates doubled two spaces of Frames in length? *Diamond plates fitted*

Are the Slatice Valves and Watertight Doors in efficient working order? *Yes*

FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as approved.
KEEL, Bar, depth and thickness	5" x 1"	5" x 1"	
STEM, moulding and thickness	5" x 1"	5" x 1"	
STERN-POST for Rudder do. do.	5" x 2"	5" x 2"	
" " for Propeller	5" x 2 1/4"	5" x 2 1/4"	
RUDDER-A x D* Table 22. Speed			
" Main-Piece, diameter at head	3	3	
" " " at heel	2 1/4	2 1/4	

RUDDER, how constructed *Double plate frame*

" Thickness of Plates or Single Plate *5/20*

Can the Rudder be unshipped afloat? *Yes*

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. ? *Siemens Martin process. Makers. South Durham Steel & Iron Co. and Port Talbot Steel Co.*

Has the Steel been tested as required by the Rules? *Yes*

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.	
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
FLAT PLATE KEEL.....						
(1 Bar Keel, state Riveting.)						
GARBOARD or A Strake	30	5/20	5/20	5/20	30	5/20
B "	"	4/20	4/20	4/20	30	4/20
C "	"	5/20	4/20	4/20	30	5/20
D "	33	4/20	4/20	4/20	33	4/20
E "	32	5/20	5/20	5/20	32	5/20
F "	29	5/20	5/20	5/20	29	5/20
G "	29	4/20	4/20	4/20	29	4/20
H "						
J "						
K "						
L "						
M "						
N "						
O "						
P "						
Q "						
R "						
S "						
T "						
U "						
V "						
W "						

* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.

EDGES, Ordinary or joggled? <i>ordinary</i>				BUTTS.			
Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		IF LAPPED.
		Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.		Inches.	Inches.	
Single	2 1/4	5/8	2 1/2	Double	5/8	2 3/4	4 1/2 whole
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	"	"	"	"
"	"	"	"	Single	"	2 1/4	"

Upper Deck	Butts, riveted for	length amidship.	Butts of Side Stringers	riveted.
Stringer Plate	Straps, single, double or overlapped for	whole length amidship.	Tie Plates	riveted.
Second Deck	Butts, riveted for	length amidship.	Inner Bottom Plating, riveting of Edges	Butts
Stringer Plate	Straps, single or overlapped for	length amidship.	Centre Girder Butts,	riveted. Keelson Butts,
			Frames, riveted through Plates with	5/8 in. Rivets, about 4 1/2" apart.
			Rivets, state whether Iron or Steel	Iron

FRAMES extend in one length from *Keel* to *upper Deck* State if ordinary or joggled *ordinary*

REVERSED FRAMES on floors and frames extend from *Keel to upper turn of Bridge* State if ordinary or joggled *ordinary*

MASTS, SPARS, &c.											
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.....	Fore	Wood	24' 9"	7		5					
	Main										
	Mizen										
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds											
Sails.											

EQUIPMENT No.		LETTER			ANCHORS.			TONNAGE U. DK. 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.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
41945	1st Bower ...	2	2	0	0	2	18	5	0	0	0				Iron Stock	Fellows Bros	Cradley Heath 7 th Jul 1926
26081	2nd „ ...	1	0	2	0	1	3	3	5	0	0				“ “	“ “	Cradley Heath 7 th Jul 1926
	3rd „ ...																
	4th „ ...																
	Collective weight.																
	Stream																
	Kedge.....																

If Patent state Name of Patentee

IS locked, state Mechanical Trade.

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

1st Bower
2nd „
3rd „
4th „

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, and Superintendent.	Material	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.	
			Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Length.	Diam.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	60	5/8	no Particular of Test									TOWLINE					
												HAWSERS & WARPS	90	4" Manila			
												" "					
												" "					
Iron Steam Chain or Steel Wire																	

Boats *One Working Boat.* **Steering Gear, Steam** *no* **Steering Gear, Hand** *yes*
Pumps, Number *3* **Diameter of Barrel** *4"* **State whether they are in efficient working order** *yes*
Windlass is *a steam one* **Capstan**
Engine Room Skylights.—How constructed? *Steel* **What arrangements for deadlights in bad weather?** *Steel shutter & built up*
Coal Bunker Openings.—How constructed? *Cast iron scuttles flush* **How are lids secured?** *By tapered lugs* **Height above deck?**
Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** *See scuppers in freeing ports*
Ceiling in Holds, thickness and material **Cargo Battens,** 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
No. of Breasthooks **No. of Crutches**

Bulwarks, height above deck and description *Steel 2'-8" x 7/20 as per plan* **Main Rail, material and size** *5" x 2 1/2" 13-A*
The foregoing is a correct description. **Surveyor's Signature** *J. Hand* **Surveyor to Lloyd's Register of Shipping.**
Builder's Signature (here only)

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) *M. 19th Dec 1925.*

Workmanship. Are the butts of plating planed or otherwise fitted? *yes planed.*
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.) *This vessel has been constructed in accordance with the plans approved by the Committee. The workmanship is of good quality throughout. She is a motor vessel to the same Builders Tugs & Dredges Ltd. Reg. No. 5888, J. W. Herbert Ltd. Reg. No. 6409.*

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 £ 2 - 0 - 0 **Fees applied for,** *26th Aug 1926*
Special Survey Fee.... £ 20 - 0 - 0 **Received by me,** *30.9.1926*
Travelling Expenses, if any £ 2 - 0 - 0
State whether the Vessel has been built under Special Survey *yes*
I am of opinion this Vessel should be Classed *A- for towing purposes*
With, or without Freeboard, as condition of Class *without*
Certificate to be sent to *Fal. office* **Date of issue** *1/10/26*
Surveyor to Lloyd's Register of Shipping. *J. Hand*

Committee's Minute

Character assigned

A- for towing purposes

Enquire (m)

thru 8.26



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GENERAL REMARKS—(continued).

Rpt. 4. -

Date of writing Reg.

No. in Survey
Reg. Book.

on the

Master

Engines made at

Boilers made at

Registered Horse

Nom. Horse Power

ENGINES,

Dia. of Cylinder

Is the screw shaft

in the propeller

between the beam

liners are fitted.

Dia. of Tunnel shaft

collars 5"

No. of Feed pump

No. of Bilge pump

No. of Donkey pump

In Engine Room

No. of Bilge Injection

Are all the bilge pumps

Are all connections

Are they sized suitably

Are they each fitted

What pipes are used

Are all Pipes, Cast

Are the Bilge Sumps

Dates of examination

Is the Screw Shaft

BOILERS,

Total Heating Surface

Working Pressure

Can each boiler

each boiler 2 3/4

Smallest distance

Thickness 5/8

Long. seams 1/4

Per centages of strength

Size of compensation

Length of plain

Working pressure

Pitch of stays to

Material of stay

Material Steel

Diameter at small

Thickness 23/32

Diameter of tube

Pitch across

thickness of girth

Working pressure

separately

oles

stiffened with

Working pressure

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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) **10K**.

Official No. **149508**; Signal Letters **-** State if Machinery is fitted aft **no**

How are the surfaces preserved from oxidation? Inside **Cement and paint** 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	<input checked="" type="checkbox"/>		Fore peak tank,	<input checked="" type="checkbox"/>	
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>		After peak tank,	<input checked="" type="checkbox"/>	
Double bottom, if under Engines only,	<input checked="" type="checkbox"/>		Deep tank, aft,	<input checked="" type="checkbox"/>	
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>		Deep tank, forward,	<input checked="" type="checkbox"/>	
Double bottom, forward,	<input checked="" type="checkbox"/>		Other tanks, if fitted,	<input checked="" type="checkbox"/>	
Total capacity of double bottom			(If necessary, furnish further information by sketch.) <input checked="" type="checkbox"/>		

* 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. ☒

Order for Special Survey No. **190**

Date **19th Oct 1925**

No. **190** in builder's yard.

DATES OF SURVEYS held while building

1926 Jan 27, Feb 9, Mar 3, 4, 10, 11, 16, 17, 22, 26, 29, 30. Apr 8, 9, 21, 27, 29. May 6, 7, 11, 12, 20, 28, 31. June 1, 8, 14. July 5, 6, 8, 20, 23, 28, 29, 30. Aug 10, 16, 19, 26

Surveyor's Signature

J. D. Hand

Total No. of Visits **40**

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