

ADMIRALTY
CASE

Rpt. 1.

(TUG).
STEEL STEAMER ~~OF~~ MOTORSHIP.

5 - AUG 1941
30 JAN 1942
Received at London Office

State if Report has been sent on the Freeboard of the Vessel *yes*.
State if Report is sent on the Machinery of the Vessel *yes*.

Date of completion of report *15th November 1941.* Port of *Hull*
Survey held at *Selly and Hull* Date First Survey *10th January 1941.* Last Survey *13th November 1941.*

On the *(State if Machinery fitted As and if Single, Twin or Triple Screw)* *Steel screw steam tug "JAUNTY"*
State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* *Full scantling* State Type of Erections *Forecastle*

TONNAGE under Tonnage Deck... <i>444.26</i>	CLASS <i>* 100 A-1.</i> State if with freeboard as condition of Class <i>No.</i>	Built at <i>Selly</i>
Do. of space or spaces between Tonnage Dk. and Upper Dk. <i>✓</i>	Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) <i>L 142'5"</i>	Launched <i>11th June 1941</i> Yard No. <i>1233.</i>
Total <i>444.26</i>	Breadth (greatest moulded) <i>B 33'0"</i>	Builders <i>Messrs. Bechuanes & Sons, Ltd.</i>
Gross Tonnage <i>601.40</i>	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) <i>D 16'0"</i>	Owners <i>The Admiralty</i>
Register Tonnage <i>3.21</i>	1st Longitudinal Number (L x D) = <i>2280</i>	Managers <i>✓</i> (Where necessary to be entered in Reg. Book.)
	2nd Numeral L x (B + D) = <i>6982.5</i>	Residence <i>London.</i>
REGISTERED DIMENSIONS. FEET.	Framing Depth "d," at middle of length. See Sec. 3 (1d) <i>16'0"</i>	Port of Registry <i>✓</i>
Length <i>146.75</i>	Proportions—Depth to Length—Uppermost continuous deck to top of keel <i>8'9"</i>	<i>✓</i> Surveyed while building, afloat, or in dry dock
Breadth <i>33.2</i>	Do. Long Bridge to top of keel <i>✓</i>	<i>During construction</i>
Depth <i>15.2</i>	Draught Moulded <i>14'2"</i>	

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	22	✓	Bracket Floors, Frame		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead	22	✓	" " Reversed Frame		
" " in peaks	22	✓	" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, \square or Γ	5 1/2 3 34	✓	" " top Angles		
" " Extends up to <i>Upper deck</i>	5 1/2 3 40	✓	" " bottom Angles		
Reversed Frame Amidships, Angle, \square or Γ	3 3 45	✓	Side Girders, No. each side and thickness		
" " Extends up to <i>across floors</i>	3 3 50	✓	Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder	5 1/2	✓	" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, \square or Γ			" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Second 'tween Decks, Angle, \square or Γ			" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem		
" " Third " " "			" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem			Tank Side Brackets, height above base line at toe of Frame and thickness		
" " in Peaks, Angle or Γ	5 1/2 3 34	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 - 5/4	✓	Breadth and thickness of Middle Line Strake		
State if Frame Joggled	No.	✓	Thickness of remainder in Holds		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?			BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships	6 3 32	✓
Floors, Depth and thickness at mid-line in Holds	18 x 45	✓	" " in Wells, Angle, \square or Γ	and	
" " Height of Brackets at side above base line at toe of frame	22 x 35	✓	" " in way of Bridge, Angle, \square or Γ	5 1/2 3 32	✓
Middle Line Keelson, on Floors, Angles, \square or Γ	12 x 44 36 43	✓	Spacing	22 & 21	✓
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, \square or Γ		
" " Foundation Plate on Floors	✓		Spacing		
" " Flat Plate Keel Angles	two	✓	Third Deck, amidships, Angle, \square or Γ		
Side Keelsons, No. each side	two	✓	Spacing		
" " thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle, \square or Γ		
" " Angle	6 4 56	✓	Spacing		
DOUBLE BOTTOM.			Poop Deck, Angle, \square or Γ		
Solid Floors, thickness and spacing			Spacing		
" " Are Frame and Reversed Frame joggled?			BOAT		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle, \square or Γ	4 3 30	✓
" " breadth and thickness at margin plate			Spacing	44	✓
			Forecastle Deck, Angle, \square or Γ	6 3 34	✓
			Spacing	5 1/2 3 30	✓
				22 and 44	✓

PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....	One	✓	Stringer Plate, breadth and thickness in way of Bridge		
„ in 'tween Decks, Size and Spacing.....	3" DIA. AS APPQ	✓	Thickness of Plating abreast Deck openings in way of Wells		
„ „ „ „ „	AND STEEL BROS.	✓	Thickness of Plating abreast Deck openings in way of Bridge		
„ in Holds „ „	✓		Thickness of Plating within line of openings...		
„ „ „ „ „	✓		If Sheathed, material and thickness		
Centre Line Bulkhead.	✓		Third Deck.		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....		
Plating, thickness of	✓		If Plated, state thickness.....		
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....		
Stringer Plate, breadth and thickness in Wells	30 1/2 x 36	27 x 36 ✓	If Plated, state thickness		
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	3 3 40	✓	Stringer Plate, breadth and thickness		
Thickness of Plating abreast Deck openings in way of Wells	30	✓	Plating, Sheathing, material and thickness ...		
Thickness of Plating abreast Deck openings in way of Bridge	✓		BOAT.		
Thickness of Plating within line of openings...	30	✓	Bridge Deck.		
If Sheathed, material and thickness	✓		Stringer Plate, breadth and thickness.....	26	✓
Second Deck.	✓		Plating, Sheathing, material and thickness ...	26 - TRAK 2 1/2	✓
Stringer Plate, breadth and thickness in Wells...	✓		Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	26	✓
			Plating, Sheathing, material and thickness ...	26 - TEAK 2 1/2	✓

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled? <i>Yes.</i>			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Diam.	Spacing or. to or.		Diam.	Spacing or. to or.		
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.		
GARBOARD STRAKE ✓	39 ✓	40 ✓	40 ✓	40 ✓		Double ✓	3/4 ✓	6 pr. R. exc. F. Riv.	Three ✓	3/4 ✓	2 5/8 ✓	Strapped	
FLAT PLATE KEEL	✓	✓				✓	✓	✓					
„ DBLG. (if any)	✓	✓				✓	✓	✓					
BOTTOM PLATING, No. of Strakes .. 2	6 71 ✓	36 ✓	36 ✓	36 ✓		Double ✓	3/4 ✓	6 pr. R. exc. F. Riv.	Two ✓	3/4 ✓	2 5/8 ✓	Lapped	
BILGE PLATING, No. of Strakes 1	6 62 ✓	36 ✓	36 ✓	36 ✓		"	"	"	"	"	"	"	
SIDE PLATING, No. of Strakes 1	6 60 ✓	36 ✓	36 ✓	36 ✓		"	"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Wells	6 61 ✓	36 ✓	36 ✓	36 ✓		"	"	"	"	"	"	"	
UPPER DECK, Sheer- strake in Bridge ...	6 44 ✓	46 ✓	38 ✓	38 ✓		Double ✓	3/4 ✓	6 pr. R. exc. F. Riv.	Three ✓	3/4 ✓	2 5/8 ✓	Strapped	
STRAKE BELOW Sheer- strake in Wells	F 53 ✓	38 ✓	38 ✓	38 ✓		"	"	"	Double ✓	3/4 ✓	2 5/8 ✓	Lapped	
STRAKE BELOW Sheer- strake in Bridge ...	✓	✓				✓	✓	✓					
POOP SIDE PLATING	✓	✓				✓	✓	✓					
BRIDGE SIDE PLATING ...	✓	✓				✓	✓	✓					
FORECASTLE SIDE PLATING	44	31.				Double ✓	3/4 ✓	6 pr. R. exc. F. Riv.	Two ✓	3/4 ✓	2 5/8 ✓	Lapped.	

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—				4 BH in record		Casting or Forging.		Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.	
Extending to Upper Deck (Sec. 3 c)				6							
" Deck next below				✓							
As per Rule				4.							
				Plating Thickness.		STIFFENERS.					
				VERTICAL.		HORIZONTAL.					
				Scantlings.		Spacing.		Scantlings.		Spacing.	
O.T.	ON FRAME N ^o 29.	35-30	7" x 3"	33 1/2	24"	12" x 38 PT.					
MIDSHIP BULKHD.	Upper tween plate N ^o 38	35-30	5 1/2 x 3"	35 1/2	24"	5 1/2 x 3"	35 1/2	✓	✓		
"	" " Second "	31-34-30	5 1/2 x 3"	32	24"	12" x 38 PT.			✓		
"	" " Third "	53-34-30	5 1/2 x 3"	42-35	23-25	3 x 3"	20 1/2		✓		
"	" " Holds	72-34-30	5 1/2 x 3"	40-31 1/2	23-25	STEEL FLAT.		✓	✓		
COLLISION	" " (in Hold)	6-50	4 x 3"	40 1/2	24"		✓		✓		
AFTER PEAK	" " "	5-30	5 x 3"	30 1/2	24"		✓		✓		

KEEL, Bar	Flat bar	rolled	7" x 1 3/4"	✓	
STEM	" "	"	7" x 1 3/4"	✓	
STERN FRAME	Propeller Post	Forged	7 7/8 x 3 3/4"	✓	T. S. FORSTER & CO
	Rudder	"	14-9 x 3 3/4"	✓	
Speed of Vessel			Not exc. 13 knots	✓	
RUDDER—Type			Double plate	✓	
"	A x D	22 5/8 x 20		✓	
"	Diam. of head	8"		✓	
"	Mainpiece at top pintle	8" x 6 1/4"		✓	
"	" heel	4" x 6 1/4"		✓	
"	how constructed	Forged + built		✓	
"	double or single plate	Double		✓	
"	coupling, vertical or horizontal	Horizontal		✓	

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process.*
 PLATES:- *Dorman Long & Co. Ltd. Appleby - Hodgkinson Steel Co. Ltd. Crisett & Co.*
 SECTIONS:- *Crisett & Co. Ltd. Dorman Long & Co. Ltd. Appleby - Hodgkinson Steel Co. Ltd.*
 Has the Steel been tested as required by the Rules? *Yes.* *Dorman Long & Co. Ltd.*

EQUIPMENT No 6982-5										LETTER		ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
54317	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Hall's type (Cast steel head)	Not stated	L. Heath 11-8-41. S.C. Paul
54318	2nd " ...	14	1	0	Stockless	15	16	3	14			14	" " "	" " "	" " 11-8-41 " "
	3rd " ...	14	0	14	"	15	14	2	21			14	" " "	" " "	" " 11-8-41 " "
	Collective weight.	28	1	14	✓							28			
	Stream														

CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.		Breaking Test of Steel Wire.	Length and size per Table 53.	
	Length.	Diam.	Tons.	Tons.	Supplied.	Per Rule.			Length.	Diam.					Length.	Ins.		Length.	Ins.
63799	150'2	1 3/16	25 3/8	38	107.3.3	108 1/2	150	1 3/16	150	1 3/16	Steel	B. Hingley	Chadley Heath	TOWLINE...	60	7	✓	60	7
					0. 2.25	Short.					Link	Sons.	13-8-41. S.C. Paul	HAWSERS & WARPS	60	5 1/2	✓	60	5 1/2
					108.2.0	Rule													
Iron Stream Chain or Steel Wire	✓	✓																	

Steering Gear, Type (Power or hand) *J. Hastie & Co. Ltd.* Alternative Means of Steering *Hand Gear - J. Hastie & Co. Ltd.*

TELE MOTOR CONTROL *Metagant, Scott & Co.* *1 Motor Boat - 25'6"*

Steering Chains (Size and Test) *Unie.* Windlass *Steam - Clarke, Chapman & Co.* *Boats 1 Lifeboat - 21'0"*

ing in Hold, thickness and material *1 3/8" - White pine.* Cargo Battens, thickness, material and spacing *1 3/8" White pine - 6"*

AND OIL FUEL *Steel plates and angles* Thickness of Hatches *3" W.P. and .50 Steel cover plate.*

of Hatchways. (Upper Deck) *AFT.* *8'0" x 6'0"* No. 2 ✓ No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

Number of Shifting Beams ✓ and/or Fore and Afters ✓

FOR COCHRANE & SONS, LTD.

Builder's Signature *V. Gray* DIRECTOR

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel *Yes.*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *No.* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This vessel has been built in accordance with the approved plans, the Secretary's letters and in conformity with the Rules for the class contemplated. The materials and workmanship are good.

A freeboard has been assigned, the marks cut in on the vessel's sides & verified. Peak tanks, water ballast tanks forward, fresh water & feed water tanks, and oil fuel bunkers have been tested to rule requirements and found satisfactory.

Flash point of oil fuel 150°F.

Decks, casings, steering gear arrangements and windlass have been tested and found satisfactory.

Oil fuel bunkers are situated between the engine & boiler spaces, also immediately forward of the boiler room bulkhead.

The supervision of the specification has been carried out.

The amount of Entry Fee £ *✓* Fees applied for, *(Special notations, where part of class, to be stated.)*

+ fee for supervision of specification Special Survey Fee.... £ *141: 0: 0* Received by me, *I am of opinion the Vessel should be Classed * 100 A.1.*

Travelling Expenses, if any £ *5: 13: 3* *5. 1. 1942.* "FOR TOWING SERVICES".

State whether the Vessel has been built under Special Survey *Yes.* Signature *J. M. Macleod*

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Hull.* Date of issue *2/3/42.*

Committee's Minute *FRI 6 FEB 1942*

Character assigned *+ 100 A.1*

In Towing Services

Ext. breadth

Lloyd's Assoc

Mike

Fitted for oil fuel 11.41 3.1.42 150°F.

22, Cd.

0165 2/12

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

The approved plans are being retained for reference in dealing with sister-vessels under construction.

The following reports are enclosed herewith:—

Stem frame

Sld Rpt. No 4315

Rudder frame & rudder head

Sld. Rpt. No 4409.

1 Giller

Sls " 10677.

This is a sister vessel to H.M. Tug. "FRISKY", Hull Report No

PARTICULARS OF ELECTRIC WELDING (if employed)

W.T. flat forward welded to ship's sides.
Approved electrodes used.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

*100 A-1.

"FOR TOWING SERVICES".

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

1st Bower
2nd "
3rd "

8-3-6 Wt. incl. pins. R.D.O. 30885. 27-10-39.
8-2-18 " " A.E.G. 5518. 29-12-39.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 27-66

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No.

Signal Letters

Extreme Breadth over Belting (Circ. 1611)

34-87

Over-all Length (Circ. 1703)

156-66

No. and Material of Decks

1 DK (STL).

Parts of Bottom of Vessel coated with cement or approved composition

tanks - Bitumastec.

In way of L.B. rooms, ballast tanks, fore & after peak tanks - Bitumastec. In way of fresh water tank - Bitumastec solution.

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	11-5	22
Double bottom, under Engines and Boilers,			After peak tank,	11-0	39
Double bottom, if under Engines only,			Deep tank, aft, WATER BALLAST TANK	7-33	20
Double bottom, if under Boilers only,			Deep tank, forward, FRESH WATER TANK	9-16	36
Double bottom, forward,			Other tanks, if fitted, FEED WATER TANK	3-66	18
Total length (if continuous) and Capacity			Other tanks, if fitted, BOILER FEED TANKS AFT	12-83	6
			(If necessary, furnish further information by sketch.)	16-5	10

Order for Special Survey No. 3245

Date

20th Nov. 1940

Dates of Surveys held while building

1941:— Jan'y 10-31. Feb'y 5-13-24. March 7-11-14-19-21-26-31. April 9-16-24-29
May 1-6-9-14-17-21-23-27-30. June 7-9-10-17. July 4-8-11-16-22-25-27
August 5-7-8-13-28. Sept'r 3-8-9-12-13-15-18-20-22-23-25-29.
Oct'r 1-2-7-9-11-13-15-16-21-22-23-27-29-30-31. Nov'r 1-3-4-10-12-13

Total No. of Visits

74.