

Rpt. 1.

WRECK  
SECTION  
No 861

# STEEL STEAMER or MOTORSHIP.

-6 NOV 1930

Received at London Office

WRECK  
SECTION  
No 861

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

30th October 1930. Port of

HUEL

No. 41342

Survey held at

Goole

Date First Survey

24 Jan

Last Survey

28 Oct 1930

On the

(State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Steel Single Screw Schooner "Gower"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections R.D.K. Bde & Jcle.

TONNAGE under Tonnage Deck

1120.44

CLASS +100A1

State if with freeboard as condition of Class

ho

Built at Goole

Do. of space or spaces between Tonnage Dk. and Upper Dk.

✓

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

250'-0"

Launched Sept 9th 1930. Yard No. 291

Total

1120.44

Breadth (greatest moulded)

B 37'-10"

Builders Goole Shipbuilding & Repairing Co (1927) Ltd.

Gross Tonnage

1593.02

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 17'-0"

Owners Kilvey Shipping Co. Ltd.

Register Tonnage

873.90

1st Longitudinal Number (L x D) = 4250

Managers J.E. Fisher & Co. Ltd.

(Where necessary to be entered in Reg. Book.)

2nd Numeral L x (B + D) = 13707

Residence Swansea

REGISTERED DIMENSIONS. FEET.

Length

250.3

Framing Depth "d" at middle of length. See Sec. 3 (1d)

40; 17.0 x 17.25

Port of Registry Swansea

Breadth

38.0

Proportions—Depth to Length—Uppermost continuous deck to top of keel

LD 14.70

If surveyed while building, afloat, or in dry dock

Depth

14.75

Do. Long Bridge to top of keel

R.D. 12.30

While building & afloat.

Draught Moulded 15'-6"

## 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.
<b>FRAMES, Spacing amidships</b>	24		<b>Bracket Floors, Frame</b>	52 3 .30	
" " from 1/2 length to Collision bulkhead	24		" " Reversed Frame	5 3 .30	
" " in peaks	24		" " Vertical Struts	5 3 .30	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	39 x 36 .42	Rule 33" dep
<b>Frame Amidships, Angle</b>	LD 6 3 .35 R.D. 7 3 .34		" " top Angles	3 3 .40	
" " Extends up to	deck		" " bottom Angles	32 32 .42	
<b>Reversed Frame Amidships, Angle</b>	✓		<b>Side Girders, No. each side and thickness</b>	one .32	
" " Extends up to	✓		<b>Margin Plate depth (excl. of flange) and thickness</b>	24 x 28 .36	
<b>Depth of Framing Girder</b>	6 x 7		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 3 .32	
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ]</b>	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	42 42 .32	
" " <b>Second 'tween Decks, Angle, [ or ]</b>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	none	
" " <b>Third " " " "</b>	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	none	
<b>Framing in Peaks, Angle</b>	52 3 .34		<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	46 .32	
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships</b>	3/4 5/4		<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled</b>	Yes		<b>Breadth and thickness of Middle Line Strake</b>	43 x 38 .34	
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars</b>	Deep frames in hold, back bars in peaks, plate through beams.		<b>Thickness of remainder in Holds</b>	5.32 6.30	
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars</b>	1/2 h. inter. plate 42 x 42 x .32 tank top.		<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	Yes	Tank Top open in Bler. Space
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds</b>			<b>Uppermost Continuous Deck, amidships</b>	7 3 .42	
<b>Height of Brackets at side above base line at toe of frame</b>			" " in Wells, Angle, [ or ]	1/8 5 32 .34	
<b>Middle Line Keelson, on Floors, Angles, [ or ]</b>			" " in way of Bridge, Angle, [ or ]		
" " Through Plate or Intercostal Plate			<b>Spacing</b>	every frame	
" " Foundation Plate on Floors			<b>Second Deck, amidships, Angle, [ or ]</b>	7 3 .38	
" " Flat Plate Keel Angles			<b>Spacing</b>	every frame	
<b>Side Keelsons, No. each side</b>			<b>Third Deck, amidships, Angle, [ or ]</b>		
" " thickness of Intercostal Plate			<b>Spacing</b>		
" " Angles			<b>Fourth Deck, amidships, Angle, [ or ]</b>		
<b>DOUBLE BOTTOM.</b>			<b>Spacing</b>		
<b>Solid Floors, thickness and spacing</b>	32 alternate		<b>Poop Deck, Angle, [ or ]</b>		
" " Are Frame and Reversed Frame joggled?	Yes		<b>Spacing</b>		
<b>Bracket Floors, breadth and thickness at middle line</b>	25 .32		<b>Bridge Deck, Angle, [ or ]</b>	62 3 .36	
" " breadth and thickness at margin plate	25 .32		<b>Spacing</b>	alternate frames	
			<b>Forecastle Deck, Angle, [ or ]</b>	62 3 .34	
			<b>Spacing</b>	alternate	



PILLARS AND DECKS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>PILLARS, No. of Rows.....</b>	one	
" in 'tween Decks, Size and Spacing.....	I'de 2 1/2"	
" " " " " "		
" " " " " "		
" " " " " "		
" " " " " "		
<b>Centre Line Bulkhead.</b>		
Stiffeners and Spacing.....	✓	
Plating, thickness of .....	✓	
<b>STRINGERS AND DECKS.</b>		
<b>Uppermost Continuous Deck.</b>		
Stringer Plate, breadth and thickness in Well	.90 - .65 - .46	
" " " " in way of Bridge	carries this 68 ft. space.	
" Angle in Well .....	6 6 71 32 32 34	
Thickness of Plating abreast Deck openings in way of Wells .....	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
Thickness of Plating within line of openings...	.30 forward	
If Sheathed, material and thickness .....	No.	
<b>Second Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	.72 in or 5.80 at fore end in line of double rib. .54 - .34	
Stringer Plate, breadth and thickness in way of Bridge .....		
Thickness of Plating abreast Deck openings in way of Wells .....	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....		
Thickness of Plating within line of openings...		
If Sheathed, material and thickness .....	No.	
<b>Third Deck.</b>		
Stringer Plate, breadth and thickness.....	✓	
If Plated, state thickness.....		
<b>Fourth Deck.</b>		
Stringer Plate, breadth and thickness.....	✓	
If Plated, state thickness .....		
<b>Poop Deck.</b>		
Stringer Plate, breadth and thickness .....	✓	
Plating, Sheathing, material and thickness ...		
<b>Bridge Deck.</b>		
Stringer Plate, breadth and thickness.....	143 x 40	
Plating, Sheathing, material and thickness ...	5 x 3 P.P. 30 plg.	
<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness.....	24 .30	
Plating, Sheathing, material and thickness ...	.30 - 375 5 x 3 P.P.	

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>ho.</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 cr.		Diam.	Spacing or to cr.	
	Inches.	Inches.	Inches.	Inches.								
FLAT PLATE KEEL .....	42	.52	.52	.52	.52 - .48	double	7/8	6 in 2 1/2 7/8	3 1/4 three	7/8	3 1/8	Strapped
" DBLG. (if any)												
BOTTOM PLATING, No. of Strakes ..... 3		.43	.43	.39		"	3/4	"	3 to 2	3/4	2 5/8	lapped
BILGE PLATING, No. of Strakes .....		.43	.39	.39		"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes .....		.43	.39	.39		Single	"	"	2	"	"	"
UPPER DECK, Sheer-strake in Wells .....	46	.64	.39	-		"	7/8	"	3 to 2	7/8	3 1/8	"
UPPER DECK, Sheer-strake in Bridge ...		.50	.43	-	.39	Double	"	"	4 to 3	"	"	"
STRAKE BELOW Sheer-strake in Wells .....		.57	.39	.39		Single	"	"	3 to 2	"	"	"
STRAKE BELOW Sheer-strake in Bridge ...		.43				"	"	"	2	3/4	2 5/8	"
R.Q. Sheer-strake		.59		.39	46 x .52	Single	"	"	4 to 3	7/8	3 1/8	"
POOR SIDE PLATING .....	42	.80				Double	"	"		3/4	2 5/8	"
BRIDGE SIDE PLATING .....		.42				Single	3/4	"	2	3/4	2 5/8	"
FORECASTLE SIDE PLATING			.32			"	"	"	one	"	"	"

## WATERTIGHT BULKHEADS.

STIFFENERS.					
Plating Thickness,	VERTICAL.		HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKHEAD, Upper tween decks					
" " Second "	8x3-30	36"	8x3-40 L	30"	/
" " Third "	8x3-26	36"	8x3-36	various	/
" " Holds .....	8x3-26	36"	8x3-40 L	30"	/
" " (in Hold) .....	8x3-38 L	24"	8x3-38 L	24"	/
COLLISION "	8x3-30	36"	8x3-30	36"	/
AFTER PEAK "	8x3-30	36"	8x3-30	36"	/

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....				
<b>STEM</b> .....	Roller	74x12	Frodingham	
<b>STERN FRAME</b> { Propeller Post .....	Forging	7x5	Forster	
{ Rudder " .....		6 1/2 x 5		
<b>RUDDER—A x D</b> .....		192		
<b>Speed of Vessel</b> .....		11 Knots		
<b>RUDDER</b> mainpiece at head .....	6 5/8 dia. Forging	6 5/8"	Forster	
" " heel .....		4 7/8"		
" how constructed .....	Forged & built			
" double or single plate .....	Single	94		
" coupling, vertical or horizontal .....	horizontal			

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture). *open heart process.*

STEEL. *To. Lurham & Co. Kinningrove Works: Bolckow Vaughan & Co. Dorman Long & Co.*  
*Consett & Co. Frodingham I. & Co. Appleby I. Co.*

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



EQUIPMENT No. <i>14676</i>												LETTER <i>"b"</i>	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.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.			
<i>33268</i>	1st Bower ...	<i>30</i>	<i>2</i>	<i>21</i>	<i>✓</i>			<i>29</i>	<i>3</i>	<i>3</i>	<i>0</i>	<i>30</i>	<i>Byers Stainless</i>	<i>not stated</i>	<i>Sld. 6/8/30: Parsons.</i>
<i>33267</i>	2nd " ...	<i>30</i>	<i>2</i>	<i>0</i>	<i>✓</i>			<i>29</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>30</i>	<i>"</i>	<i>"</i>	<i>"</i>
<i>33266</i>	3rd " ...	<i>26</i>	<i>0</i>	<i>0</i>	<i>✓</i>			<i>25</i>	<i>12</i>	<i>2</i>	<i>0</i>	<i>26</i>	<i>"</i>	<i>"</i>	<i>"</i>
	Collective weight.	<i>87</i>	<i>0</i>	<i>21</i>	<i>✓</i>							<i>87</i>			<i>" 5/8/30: "</i>
<i>45246</i>	Stream .....	<i>7</i>	<i>3</i>	<i>24</i>	<i>2</i>	<i>0</i>	<i>2</i>	<i>10</i>	<i>2</i>	<i>2</i>	<i>0</i>	<i>7 1/4</i>	<i>Ord. forged W.I.</i>	<i>"</i>	<i>C.H. 27/3/30: Paul.</i>

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.	Statu- tory.	Break- ing.	Supplied.	Per Rule.			Length.	Diam.					Length.	Ins.		Length.	Ins.	Length.	Ins.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.		
66102	2240	3/8	15 1/8	4 1/2	66 1/2	3	15	319 1/2	240	1 1/16	Plud	not stated	Zip: 15/5/30: D. J. Seale	TOWLINE...	90	34	21.7	90	34		
Iron Stream Chain or Steel Wire	Cir.													HAWSERS & WARPS	20	90	24	10.8	20	90	6" 24
	75	3 3/4	29.3						75	3 3/4				"	20	90	13 1/4	6.4	20	90	5".

Steering Gear, Steam *efficient* Steering Gear, Hand *efficient*

Boats *2 lifeboats & 1 Dinghy* Steering Chains, Size and Test *1" dia. 12-0-0-0-0* Windlass *efficient*

Ceiling in Holds, thickness and material *11 x 2 1/2 wp.* Cargo Battens, thickness, material and spacing *not fitted*

Cargo Hatchways.—(Upper Deck) *Steel plates & angles, Stayed & Stiffened. U.D. beams 4'-0", R.A. Dk beams 3'-6" high.* Thickness of Hatches *2 1/2"*

Size of No. 1 Hatchway (Forward) *28'-0" x 26'-0"* No. 2 *29'-0" x 26'-0"* No. 3 *28'-0" x 26'-0"* No. 4 *28'-0" x 22'-6"* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *Webs, 5 in each hatchway.*

FOR THE GOOLE SHIPBUILDING & REPAIRING CO. (1927) LTD.

Builder's Signature

# GENERAL DECLARATION

*This vessel has been built in accordance with the approved plans and instructions and in conformity with the Rules for the class contemplated.*

*The materials and workmanship are satisfactory.*

*A freeboard has been assigned and the marks on the vessel's sides cut in and verified.*

*The double bottom tanks and peak tanks have been tested with water pressure to Rule requirements and found satisfactory.*

*The decks, steering gear, windlass, hand pump etc have been tested and found satisfactory.*

The amount of Entry Fee ..... £ *5 : 0 : 0* Fees applied for, *15 Nov 1930*

Special Survey Fee .... £ *154 : 13 : 0* Received by me, *18/12/30*

*Freeboard.* *5 : 0 : 0*

Travelling Expenses, if any £ *4 : 14 : 10*

I am of opinion the Vessel should be Classed *+100A1*

State whether the Vessel has been built under Special Survey *Yes*

Signature

Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Date of issue

*19/12/30*

Committee's Minute

TUE. 11 NOV 1930

Character assigned

*+100A1*

*Large battens not fitted*

*Write Sd (H.M.)*

*Lloyd's arch.*

*+ Amb 10.30 Cl.*



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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 following plans etc are Enclosed:—

Middish Section

Profile & Deck

Joining

Pumping Arrangement

Panting

Washport Openings

Casing Stiffening in lieu of pillars.

Stiffening under Winch Platforms.

Joining Reports (2)

Steel Invoices.

Cargo Battens are not fitted.

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

1st Bower 17.3.14; M.B; 8786; 25/6/1930.

2nd " 17.3.1; K.H; 8243; 11/7/1930.

3rd " 15.1.5; M.B; 8716; 25/6/1930.

Bow Q

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 94.5 ft., Bridge 56.0 ft., Forecastle 23.5 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks (this information is to be given as it should appear in the Register Book) 1 Stk. (1<sup>st</sup> fl.).

Official No. 144,001; Signal Letters \_\_\_\_\_ Is bottom of Vessel coated with cement ☒ Yes if not give particulars of composition ☒

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	66	133	Fore peak tank,	18	61
Double bottom, under Engines and Boilers,	18	50	After peak tank,	16	84
Double bottom, if under Engines only, (Feed water)	102	208	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		341	(If necessary, furnish further information by sketch.)		

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

Order for Special Survey No. 1935

Date 20 Novr. 1929.

Dates of Surveys held while building

1930.

Jan'y 24. Feb'y 4. 17. 19. 26. Mar 12. 19. 25. Apr 1. 10. 16. 24. 28. May 2. 14. 21. 27. June 12. 26. July 2. 4. 10. 14. 24. 30. Aug 8. 14. 19. 21. 26. 29. Sept 3. 9. 11. Oct'r 13. 20. 27. 28.

Total No. of Visits 38.