

# With or Without Disconnected Erections.

## STEEL STEAMER.

005325-005336-0037

Received at London Office SAT NOV 22 1919

Date of completion of report  
Survey held at

Lytham

State if Report is also sent on the Machinery of the Vessel

Port of

LIVERPOOL

Date, First Survey

Aug 30/18

Last Survey

No.

79870

1919.

On the (Single, Twin or Triple Screw)

Steel S.S. "ST HILARY"

Rig Schooner.

TONNAGE under Tonnage Deck

369.44

Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk.

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

40.25

Do. of Houses on Dk.

4.20

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

413.89

Less Crow Space

71.69

Less above Crown of

Engine Room

TONNAGE FOR FEES

342.20

Less Engine Room

316.63

Less Navigation Spaces

14.45

Register Tonnage

11.12

CLASS A.I. FOR TOWING PURPOSES

FEET.

Breadth (greatest moulded)

29.0

Depth, at middle of length from top of keel to top of upper deck beams at side

16.16

Transverse Number

45.0

Length on deck from fore part of stem to after part of stern post

135.0

Longitudinal Number

6096

Depth "d," at middle of length (See Secs. 2 & 13)

13.16

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

8.835

" " Long Bridge Deck Beam at side to top of keel

—

Destined Voyage


If Surveyed while Building, Afloat, or in Dry Dock

Building + afloat

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
135.0	135	0	29.0	29	0	Do. do. do. do. Second Dk. Beams	14	11	One

Dimensions of Ship per Register, Length 135.3 breadth 29.1 depth 13.65 Moulded depth, ft. 16.0 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 4 ins.

### FRAMING.

ME, Angles, or  Bars amidships	6	3	.32	6	3	.32
in peaks	6	3	.32	6	3	.32
in way of Double Bottoms at Solid Floors	3	3	.24	3	3	.24
" " at intermdt. Bkts.	—	—	—	—	—	—
ing of Frames from centre to centre amidships	22			22		
" " " from # } length to Collision bulkhead)	22			22		
" " " in peaks..	22			22		
ERSED FRAME, Angles.	3	3	.42	3	3	.42
in way of Double Bottoms at Solid Floors	3	3	.24	3	3	.24
" " at intermdt. Bkts.	—	—	—	—	—	—
AMING, depth of girder	—	—	—	—	—	—
DOORS, depth and thickness of Floor Plate) at mid-line for $\frac{1}{2}$ length amidships...	20	.42		20	.42	
in way of Engine and Boiler Spaces	20	.42		20	.42	
thickness at the ends of vessel		.32			.32	
depth at $\frac{1}{2}$ the half breadth, as per Rule	—	—	—	—	—	—
height extended at the Bilges	Straight across					
DOORS in Cell. Double Bottoms.	36	.24		36	.24	
state if flanged (top & bottom)	No			No		
Spacing of Solid floors	22			22		
TRE GIRDER, in Dbl. bottom dpth. & thickness.	36	.3		36	.3	
" " Angles, Top	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.3	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.3
" " Bottom	—	—	—	—	—	—
" " to Floors	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.3	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.3
Brackets at intermdt. frmg., width & thkness	—	—	—	—	—	—
E GIRDERS, number on each side & thickness	One	.24		One	.24	
" state if flanged (top and bottom)	No			No		
" Angles (top and bottom)	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.24	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.24
" to Floors	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.24	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.24
EGIN PLATE, depth (exclusive of flange) and thickness		.3			.3	
" Angle to Outside Plating	3" Flange			3" Flange		
" Floors	—	—	—	—	—	—
Brackets at intermdt. frmg., width & thkness	—	—	—	—	—	—
Height of Outside Brackets above at bilge	21			21		
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	44	.28		44	.28	
" in Engine and Boiler space	—	—	—	—	—	—
" Remainder in Hold		.28			.28	
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	.34	5	3	.34
In way of Long Bridge	5	3	.3	5	3	.3
Spacing		22			22	
MS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	.32	5	3	.32
Spacing		22			22	
MS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
Angles on upper edge						
Spacing						
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						
Angles on upper edge						
Spacing						
MS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3	3	.3	3	3	.3
Angles on upper edge	—	—	—	—	—	—
Spacing		44			44	
MS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6	3	.32	6	3	.32
Angles on upper edge	5	3	.34	5	3	.34
Spacing		22			22	

### PILLARS.

PILLARS	In 'tween Deck, size and spacing	Inches in Ship.	Inches Spacing in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
" " Hold	3	44	3	44	—
" " Quarter 'tween Dks. in Engine space	5x3x.4 + 3" dia. angle	—	—	5x3x.4 + 3" dia. angle	—
" " in Hold	—	—	—	—	—

### KEELSONS & STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floor, Through Plate, or Intercoastal Plate	20	.42	20	.42	—
" " Rider Plate	18	.32	18	.32	—
" " Flat Plate Keel Angles	18	.42	18	.42	—
" " Horizontal Plates on Floors	—	—	—	—	—
" " Angles or Bulb Angles	—	—	—	—	—
SIDE KEELSONS, Number	—	—	—	—	—
" " Angles or Bulb Angles	—	—	—	—	—
" " Plate above floors, for length	—	—	—	—	—
" " Intercoastal Plate, for length	—	—	—	—	—
" " Attached to outside Plating with Angle	—	—	—	—	—
BILGE KEELSON, Angles	—	—	—	—	—
" " Intercoastal Plate for length	—	—	—	—	—
" " Attached to outside Plating with Angle	—	—	—	—	—
SIDE STRINGERS, Number	—	—	—	—	—
" " Angle	—	—	—	—	—
" " Intercoastal Plate, for length	—	—	—	—	—
" " Attached to outside plating with Angle	—	—	—	—	—

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	36x.36	.28	36x.36	.28
" " " " br'dth & thickness (in way of Bridge)	—	—	—	—
" " " " Angle (clear of Bridge)	3x3x.3	—	3x3x.3	—
" " Tie Plate at sides of Hatchways	—	—	—	—
" " Deck, * Iron or Steel, for whole lng.	.36	.24	.36	.24
" " Thickness (clear of Bridge)	—	—	—	—
" " (in way of Bridge)	—	—	—	—
" " Wood Deck, Material & thickness	—	—	—	—
Second Deck Stringer Plate, br'dth & thickness	3" Flange	—	3" Flange	—
" " Angles on ditto, No.	—	—	—	—
" " Tie Plates outside Hatchways	—	—	—	—
" " Deck, * Iron or Steel, for whole lng.	.24	—	.24	—
" " Wood Deck, Material & thickness	2" W.P.	—	2" W.P.	—
Third Deck Stringer Plate, br'dth & thickness	—	—	—	—
" " Angles on ditto, No.	—	—	—	—
" " Tie Plates, outside Hatchways	—	—	—	—
" " Deck, * Material and thickness	—	—	—	—
Fourth and Fifth Deck Stringer Plate, br'dth & thickness	—	—	—	—
" " Angles on ditto, No.	—	—	—	—
" " Tie Plates outside Hatchways	—	—	—	—
" " Deck, Material & thickness	—	—	—	—
Poop Deck Stringer Plate, breadth & thickness	—	—	—	—
" " Angle on ditto	—	—	—	—
" " Tie Plates	—	—	—	—
" " Deck, Material and thickness	—	—	—	—
Boat Bridge Deck Stringer Plate, br'dth & thickness	9"x.26	—	9"x.26	—
" " Angle on ditto	5x3x.38	—	5x3x.38	—
" " Tie Plates	7x.26	—	7x.26	—
" " Deck, Material and thickness	5x2 P.P.	—	5x2 P.P.	—
Forecastle Deck Stringer Plate, br'dth & th'kns	—	—	—	—
" " Angle on ditto	3x3x.3	—	3x3x.3	—
" " Tie Plates	—	—	—	—
" " Deck, Material and thickness	Steel .3x.28	—	.3x.28	—

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



WEB FRAMES.				FORGINGS OR CASTINGS.			
WEB FRAMES, In Fore Body, No. and spacing brdth. & thickness				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB FRAMES, In E. & B. Space, No. and spacing brdth. & thickness				STERN-POST for Rudder do. do.			
WEB FRAMES, In After Body, No. and spacing brdth. & thickness				" for Propeller			
No. of Side Stringers				RUDDER—A x D* Table 22. Speed			
Size of Face Angles to Web-Frames				Main-Piece, diameter at head			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				" " at heel			
BULKHEADS.				STIFFENERS.			
W.T. BULKHEADS				" COLLISION PARTITION			
LONGITUDINAL.				" COLLISION PARTITION			
Are the outside Plates doubled two spaces of Frames in length?				Are the Stance Valves and Watertight Doors in efficient working order?			
PLATING.				RIVETING.			
STRAKES.				EDGES.			
AS IN SHIP.				PER RULE OR AS APPROVED.			
BREADTH.				THICKNESS.			
Upper Deck				Butts of Side Stringers			
Second Deck				Butts of Side Stringers			
Upper Deck plating, Seams single riveted, Butts double riveted, single at ends.				Butts of Side Stringers			
FRAMES extend in one length from				REVERSED FRAMES on floors and frames extend			
MASTS, SPARS, &c.				RIVETING.			
LOWER MASTS.				BOWSPRIT			
Rigging, Material and Size, Shrouds				Sails.			

EQUIPMENT No.				ANCHORS.				TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS			
ANCHORS.				ANCHORS.				ANCHORS.			
ANCHORS.				ANCHORS.				ANCHORS.			
30874				30873				80708			
1st Bower				2nd				3rd			
4th				Stream				Kedge			
Particulars of Drop Test				1st Bower				2nd			
Cast Steel Anchors, viz.:				Weight, Surveyor's Initials,				Number of Certificate, Date			
CHAIN CABLES.				HAWSERS AND WARPS.				HAWSERS AND WARPS.			
67902				67905				67905			
Boats				Steering Gear, Steam				Steering Gear, Hand			
Pumps, Number				Windlass is				Capstan			
Engine Room Skylights.				Coal Bunker Openings.				Number of Scuppers.			
Ceiling in Holds, thickness and material				Cargo Hatchways.				Hatches, If strong and efficient?			
State size No. 1 Hatch (Forward)				No. 2 Hatch				No. 3 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				The foregoing is a correct description.				Builder's Signature			
Correspondence.				Workmanship.				Is the riveted work properly closed?			
Are the liners between the frames and plates solid single pieces?				Do the holes for riveting plate to frames, butt straps, or plate				to plate, &c., conform well to each other?			
Are the butts of Plating, Stringers, &c., properly shifted and strapped?				Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?				State results of tests			
General Remarks (State quality of workmanship, &c.)				This vessel has been constructed in accordance with the approved				plans and specification, and in conformity with the Rules.			
The materials and workmanship are good.				The draught assigned in the Secretary's letter of 7 <sup>th</sup> November 1919 has				been duly marked on the vessels sides and revised.			
"SIFAGAN" Liverpool Report No 79302				"SIFATH" " " " No 79546				The Surveyor should state the Number of Report and Name of any Sister Vessel.			
The amount of Entry Fee				Fees applied for,				Certificate to be sent to			
Special Survey Fee				Received by me,				Date of issue			
Travelling Expenses, if any				State whether the Vessel has been built under Special Survey				I am of opinion this Vessel should be Classed			
With, or without Freeboard, as condition of Class				Committee's Minute				Character assigned			
MASTS, SPARS, &c.				RIVETING.				Butts.			
LOWER MASTS.				BOWSPRIT				Rigging, Material and Size, Shrouds			
Sails.				Sails, and the following spare sails				Sails.			



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 31.5 (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) 10k (8Te)

Official No. 143778; Signal Letters — State if Machinery is fitted aft No  
How are the surfaces preserved from oxidation? Inside Cement on bottom. Bituminous under boilers and in Bunkers and chain lockers. Outside Anti-fouling compound and red lead paint Red lead paint elsewhere.

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 Capacity. Tons.
Double bottom, <del>aft</del> feed tank amidships	16.5	19	Fore peak tank,	11	26
Double bottom, under Engines and Boilers,			After peak tank,	18.5	38
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	19	(If necessary, furnish further information by sketch.)		

\* 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. ✓

Date ✓

No. 577 in builder's yard.

DATES of Surveys held while building

1918 Aug 30. Sept 12, Oct 2, 18, Nov 13, 28, Dec 10, 20, Jan 13, 27, Feb 12, 26, Mar 11, Apr 9, 25, May 9, 23, 28, June 6, 23, July 11, 25, Aug 8, 28 Sept 11, 18, 25, Oct 13, 19, 20, 28, 29 Nov 11.

Surveyor's Signature W.W. Cole

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Lloyd's Register Foundation

Total No. of Visits 35

Rpt. 4.

The

Signal

OF

12

No., Da

Whether Foreign

Number

Number

Rigged

Stern

Build

Gallerie

Head

Framework

vessel

Number

Number

and t

Total to qu

to bott

No. of

Engines.

One

No. of

Shafts.

One

Under T

Space or

Turret or

Forecastl

Bridge sp

Poop or

Side Hou

Deck Ho

Chart Ho

Spaces fo

Section

1894

Excess of

Deduct

NOTE 1.—T

NOTE 2.—T

Dated

30) (64091