

Rpt. 1

RECEIVED

11 FEB 1946

IN D.O.

STEEL STEAMER OR MOTORSHIP.

Received at London Office

17 FEB 1946

State if Report has been sent on the Freeboard of the Vessel No.

State if Report is sent on the Machinery of the Vessel Yes.

Date of completion of report

17.1.46.

Port of

HULL

EX No.

53310.

Survey held at

Date First Survey

15.9.45.

Last Survey

4.1.

19.46.

On the (Machinery fitted Aft and

Steel steam trawler "NAVENA"

State Type (Full Scantling, Complete Superstructure

Full Scantling.

State Type of Erections

Forecastle R.Q. Deck.

TONNAGE under

294.26

CLASS

100A1-STEAM
TRAWLER

State if with freeboard

No.

Built at

Beverly

Do. of space or spaces

Total

Gross Tonnage

360.67

Register Tonnage

139.29.

Length from fore part of stem to after part of stern

L 133.0

Breadth (greatest moulded)

B 25.0

Depth, at middle of length from top of keel to top

D 14.0

1st Longitudinal Number (L x D)

1862

2nd Numeral L x (B + D)

5187

Framing Depth "d," at middle of length. See

12.58

Proportions—Depth to Length—Uppermost con-

9.5

Do. Long Bridge to

✓

Draught Moulded

Launched

25.10.45

Yard No. 757

Builders

Cook, Weldon & Gemmell

Owners

J. Hare & Son Ltd.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry

Fleetwood.

If surveyed while building, afloat, or in dry dock

Building and afloat.

REGISTERED DIMENSIONS.

FEET

Length

136.15

Breadth

25.25

Depth

13.25

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.....	20 21 4 2 1/2		Bracket Floors, Frame		
" " from 1/2 length amidships to	18		" " Reversed Frame.....		
Collision bulkhead.....	18		" " Vertical Struts		
" " in peaks	18		Centre Girder, depth and thickness amidships		
SIDE FRAMING.			" " top Angles		
Frame Amidships, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	4 1/2 3 .40	✓	" " bottom Angles.....		
" " Extends up to.....	upper + R.Q. Deck	✓	Side Girders, No. each side and thickness.....		
Reversed Frame Amidships, Angle	3 3 36	✓	Margin Plate depth (excl. of flange) and		
" " Extends up to.....	across floors	✓	" " thickness		
Depth of Framing Girder.....	4 1/2	✓	" " Vertical Angle to Tank side		
Frames in Uppermost Continuous 'tween			" " Bracket abaft 1/4 len. from		
Decks, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	✓		" " stem		
" " Second 'tween Decks, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	✓		" " Vertical Angle to Tank side		
" " Third	✓		" " Bracket from forward 1/4 len.		
" " from 1/2 len. for'd. to 15% len. from	4 1/2 3 .40	✓	" " from stem to Panting Area		
Stem	4 1/2 3 .40	✓	" " Gussets, spacing and scantling		
" " in Peaks, Angle $\frac{1}{4}$ or $\frac{1}{2}$	4 1/2 3 .40	✓	" " abaft 1/4 len. from stem.....		
Diameter and Spacing of Rivets through	3/4" - 5/4"	✓	" " Gussets, spacing and scantling		
Frame and Shell Plating amid-			" " from forward 1/4 len. from stem		
ships			" " to Panting Area		
State if Frame Joggled.....	No.	✓	Tank Side Brackets, height above base line		
Are the scantlings and arrangements in the			at toe of Frame and thickness		
Panting Area in accordance with the Rules	YES.	✓	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in way			Breadth and thickness of Middle Line Strake...		
of the Bottom Forward in accordance with	YES.	✓	Thickness of remainder in Holds		
the Rules and/or as approved?.....			Are Rule requirements complied with regard-		
SINGLE BOTTOM.			ing increases of scantlings in way of double		
Floors, Depth and thickness at mid-line in	17" x .36	✓	bottom in E. & B. space and framing in		
Holds.....	.40 in M/C spaces.	✓	Bunkers and Boiler Room?.....		
Height of Brackets at side above			BEAMS.		
base line at toe of frame.....			Uppermost Continuous Deck, amidships	6 3 .44	✓
Middle Line Keelson, on Floors, Angle,	12 x 3 1/2 x 30.45 lbs.	✓	Walls, Angle, $\frac{1}{4}$ or $\frac{1}{2}$		
Through Plate or Inter-	.50 in ER.	✓	" " in way of Bridge, Angle,		
costal Plate	✓		" " $\frac{1}{4}$ or $\frac{1}{2}$		
" " Foundation Plate on	✓		Spacing on alternate frames.		
Floors	✓		Lower Deck, amidships, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	4 1/2 3 .32	✓
" " Flat Plate Keel Angles	✓		Spacing on alternate frames.		
Side Keelsons, No. each side.....	one.		Lower Deck, aft, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	4 3 .30	✓
" " thickness of Intercoastal Plate...	5 4 .42	✓	Spacing on alternate frames.		
" " Angles	5 4 .46	✓	Fourth Deck, amidships, Angle, $\frac{1}{4}$ or $\frac{1}{2}$		
DOUBLE BOTTOM.			Spacing.....		
Solid Floors, thickness and spacing			Poop Deck, Angle, $\frac{1}{4}$ or $\frac{1}{2}$		
" " Are Frame and Reversed Frame			Spacing.....		
joggled?			Bridge Deck, Angle, $\frac{1}{4}$ or $\frac{1}{2}$		
Bracket Floors, breadth and thickness at			Spacing.....		
middle line			Forecastle Deck, Angle, $\frac{1}{4}$ or $\frac{1}{2}$	6 3 .44	✓
" " breadth and thickness at			Spacing on alternate frames.		
margin plate.....					

(MADE IN ENGLAND.)

010631-010639-0100 1/2

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	2 in way of Travel Hatch	3" dia.		Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks Size and Spacing				Thickness of Plating abreast Deck openings in way of Wells			
" " " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds	below foremast 2-3" dia pillars.			Thickness of Plating within line of openings			
Centre Line Bulkhead. Stiffeners and Spacing				If Sheathed, material and thickness			
Plating, thickness of				Third Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells	27 x .36 - .32			Fourth Deck.			
" " " " in way of Bridge	54 x .30			Stringer Plate, breadth and thickness			
" " " " Angle in Wells	3 3 .36			If Plated, state thickness			
Thickness of Plating abreast Deck openings in way of Wells	.36			Poop Deck.			
Thickness of Plating abreast Deck openings in way of Bridge				Stringer Plate, breadth and thickness			
Thickness of Plating within line of openings				Plating, Sheathing, material and thickness			
If Sheathed, material and thickness	Douglas fir 3"			Bridge Deck.			
Second Deck.				Stringer Plate, breadth and thickness			
Stringer Plate, breadth and thickness in Wells	15" x .30			Plating			
				Plating, Sheathing, material and thickness			

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.	NO. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					Diam.	Spacing cr. to cr.		Diam.
Flat Plate Keel	✓											
Garboard strake	✓											
" Dblg. (if any)	32	.44	.44	.44		double	3/4	5 per space	Two.	3/4	2 5/8	Scrapped
Bottom Plating, No. of Strakes	52	.375	.375	.375		"	"	"	"	"	"	Lapped
Bilge Plating, No. of Strakes	48	.44	.375	.375		"	"	"	"	"	"	"
Side Plating, No. of Strakes	48	.375	.375	.375		"	"	"	"	"	"	"
Upper Deck, Sheer-strake in Wells	42	.50	.40	.40		"	"	"	"	"	"	Scrapped
Upper Deck, Sheer-strake in Bridge	✓											
Strake below Sheer-strake in Wells	50	.375	.375	.375		double	"	"	"	"	"	Lapped
Strake below Sheer-strake in Bridge	50	.50	✓	✓		"	"	"	"	"	"	
Poop Side Plating	✓											
Bridge Side Plating	✓											
Forecastle Side Plating	✓		.26	✓								

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	4
" Deck next below	✓
As per Rule	3

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM				
STERN FRAME				
Propeller Post	Forged	6 x 3 1/4	Forster	
Rudder	"	"	"	
Speed of Vessel		10 1/2 knots.		
RUDDER—Type		double plate		
A x D		94 x 19		
Diam. of head		Forged 5 1/4		
Mainpiece at top pintle		6" dia	Forster	
heel		4 1/4		
how constructed		side plate welded		
double or single plate coupling		.30		
horizontal		14" dia. x 1 1/2"		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks	FR 46 & 63	28	6 x 3 x .32	BA. 30"	✓
" Second					
" Third					
" Holds					
COLLISION (in Hold)	FR 77	.30	5 x 3 x .38	BA. 24" 3 x 3 x .38	at half height
AFTER PEAK	FR 14	.26	32 x 3 x 1/16	30"	✓
	FR 7	.38	5 x 3 x .36	24"	✓

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	Open Hearth
	Plates: Dorman Long & Co, Corbett J. C, Appleby. Frodingham I. & J. C	
	Sections: Dorman Long & Co, Cargo Fleet, Corbett J. C, Skinner & Co	
	Has the Steel been tested as required by the Rules?	Yes.

Req. 1 (No. for of may be WE. for Tr in the For trav For engi In expenses I T which "Wh it is to be held resp Book or o thereof. o No. 75 To the S

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.)

A "soft-wood" plate stem has been fitted above 9'0" draft mark.
An Echo-sounding device has been fitted.
Approved plans are being retained for reference in dealing with similar vessels now under construction. This vessel is similar to the same Builders' Yard N^o 756 "BULBY" (Hull Report N^o 53287)
Fitting Reports are forwarded herewith.

PARTICULARS OF ELECTRIC WELDING (if employed)

Stiffening to plate stem, bunker tunnel stiffeners, tie plate butts, after cabin flat & fwd. tanks below are welded in accordance with approved plans.

Approved electrodes have been used throughout.

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

* 100 A1 - Steam Trawler.

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

1st Bower	5. 6. 11	A.E.G.	5637	11. 6. 45
2nd "	4. 1. 1	A.E.G.	5588	7. 6. 45.
3rd "				

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 74.6 ft., Bridge ☒ ft., Forecastle 23.5 ft.

(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 25' 4 1/2" Over-all Length 148' 0" ☒

No. and Material of Decks One wood deck with stringers & tie plates

Parts of Bottom of Vessel coated with cement or approved composition. Skin cement throughout ship from keel to lower turn of bilge; solid cement to tops of floors in bunkers & peaks.

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,		
Double bottom, under Engines and Boilers,			After peak tank,		
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 length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 3462.

Date 27. 3. 45.

Dates of Surveys held while building

1945. Sept 15, 22, 29 Oct 5, 15, 23, 24, 25. Nov. 7.
1946. Jan 4, 5, 7.



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