

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

No. 28230^a.

1939

State Type of Erections *Pop. R. Green*
at *Hensden* *and fire castle*

Built at Heusden

Launched 6/3 1939 Yard No. 205

Builders De Haan & Verbeekmans

Owners James Fisher & Sons

Managers

Residence *Barrow*

Port of Registry *Barrow*

If surveyed while building, afloat, or in dry dock

Building

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	21 1/2		Bracket Floors, Frame	4 3 .32	
" " from 3/4 length amidships to Collision bulkhead.....}	21 1/2		" " Reversed Frame	3 1/2 3 .28	
" " in peaks.....	21 1/2		" " Vertical Struts	4 3 .28	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	30 .36	
Frame Amidships, Angle, E or F	5 2 1/2 .41		" " top Angles	2 1/2 2 1/2 .32	
" " Extends up to	upper deck		" " bottom Angles	3 3 .36	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness ...	2 x 12 x .28	
" " Extends up to ...	✓		Margin Plate depth (excl. of flange) and thickness	25 x .30	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	3 x .40 well up plate	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F	✓		" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area	3 x .40 well up plate	
" " Second 'tween Decks, Angle, E or F	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	✓	
" " Third " " " "	✓		" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area	✓	
" from 1/4 len. for'd. to 15% len. from Stem	5 2 1/2 .41		Tank Side Brackets, height above base line at toe of Frame and thickness	32 x .28	
" in Peaks, Angle or E	4 2 1/2 .35		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3/4 7 x 5 1/2 d		Breadth and thickness of Middle Line Strake ...	39 .32	
State if Frame Joggled	no		Thickness of remainder in Holds .....	.28	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	Yes		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?	no space open.	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	Yes		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F	5 1/2 3 .34	
Floors, Depth and thickness at mid-line in Holds			" " in way of Bridge, Angle, E or F	further as approved.	
Height of Brackets at side above base line at toe of frame			Spacing	21 1/2	
Middle Line Keelson, on Floors, Angles, E or F			Second Deck, amidships, Angle, E or F	5 1/2 3 .34	
" " Through Plate or Intercoastal Plate			Spacing	21 1/2	
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or F	✓	
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, E or F	✓	
" " thickness of Intercoastal Plate ...			Spacing		
" " Angles			Poop Deck, Angle, E or F	4 1/2 3 .36	
DOUBLE BOTTOM.			Spacing	21 1/2	
Solid Floors, thickness and spacing	6 1/2 + 43 x .28		Bridge Deck, Angle, E or F	✓	
" " Are Frame and Reversed Frame joggled?	no		Spacing		
Bracket Floors, breadth and thickness at middle line	22 x .28		Forecastle Deck, Angle, E or F	5 3 .32	
" " breadth and thickness at margin plate	22 x .28		Spacing	21 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.....	✓		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 „ <i>Deep large brackets at doors as per approved plan</i>			Thickness of Plating within line of openings...	.30	
Centre Line Bulkhead.			If Sheathed, material and thickness	Steel .50	
Stiffeners and Spacing.....	✓		Third Deck.		
Plating, thickness of	✓		Stringer Plate, breadth and thickness.....	✓	
STRINGERS AND DECKS.			If Plated, state thickness.....		
Uppermost Continuous Deck.			Fourth Deck.		
Stringer Plate, breadth and thickness in Wells	63	.40	Stringer Plate, breadth and thickness.....	✓	
„ „ „ „ in way of Bridge	✓		If Plated, state thickness		
„ Angle in Wells	3 1/2 3 1/2	.40	Poop Deck.		
Thickness of Plating abreast Deck openings in way of Wells .....		.30 <i>(see plan)</i>	Stringer Plate, breadth and thickness .....	.32	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Plating, Sheathing, material and thickness ...	.20 + .26	<i>give 2 1/2"</i>
Thickness of Plating within line of openings...		.30	Bridge Deck.		
If Sheathed, material and thickness	Steel	.30	Stringer Plate, breadth and thickness.....	✓	
Second Deck.			Plating, Sheathing, material and thickness ...		
Stringer Plate, breadth and thickness in Wells...	45	.36	Forecastle Deck.		
			Stringer Plate, breadth and thickness.....	.26	
			Plating, Sheathing, material and thickness ...	Steel .26	

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.	
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.	Inches.	Inches.	
FLAT PLATE KEEL	39 1/4	.40	.44	.44		Double	3/4 3	III / II	3/4	2 5/8	Lapped
„ DBLG. (if any)						<i>see plan</i>					
BOTTOM PLATING, No. of Strakes <i>Five</i>	A 63	.34	.30	.30		Single	5/8 2 5/8	II	5/8	2 3/16	Lapped
BILGE PLATING, No. of Strakes <i>One</i>	B 71	.34	.30	.30		Double	5/8 2 5/8	II	5/8	2 3/16	"
SIDE PLATING, No. of Strakes <i>One</i>	C 55	.34	.34	.34		Double	5/8 2 5/8	II	5/8	2 3/16	"
UPPER DECK, Sheer-strake in Wells.....	D 50	.30	.34	.34		Double	5/8 2 5/8	II	3/4	2 5/8	"
UPPER DECK, Sheer-strake in Bridge ...	E 62 1/2	.44	.34	.30		Double	3/4 3	III / II	3/4	2 5/8	"
STRAKE BELOW Sheer-strake in Wells.....	F 52 3/4	.30	.30	.30				III / II	3/4	2 5/8	"
STRAKE BELOW Sheer-strake in Bridge ...											
POOP SIDE PLATING .....			.30			Single	5/8 2 5/8	II	5/8	2 3/16	"
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			.30			Single	5/8 2 5/8	II	5/8	2 3/16	"

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

WATERTIGHT BULKHEADS.					FORGINGS and CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—					Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
Extending to Upper Deck (Sec. 3 c) <i>Three</i>					KEEL, Bar		<i>Flat keel plate</i>	
„ Deck next below					STEM		<i>curved plate .56</i>	
As per Rule <i>Three</i>					STERN FRAME { Propeller Post	6 x 3 1/4	<i>Siemens Balker</i>	
					„ { Rudder „		<i>Krausherh</i>	
					Speed of Vessel <i>and ahead 12 knots</i>			
					RUDDER—Type.....		<i>Balance wooden</i>	
					„ A x D	135	<i>see plan</i>	
					„ Diam. of head	115 7/8	<i>Seelemans</i>	
					„ Mainpiece at top pintle	120 7/8	<i>Seelemans</i>	
					„ „ heel ..	90 7/8		
					„ how constructed ...		<i>Balance wooden electric welded</i>	
					„ double or single plate		<i>double .56</i>	
					„ coupling, vertical or horizontal.....		<i>Horizontal</i>	

STIFFENERS.					STEEL.			
Plating Thickness.	VERTICAL.		HORIZONTAL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)			
	Scantlings.	Spacing.	Scantlings.	Spacing.				
MIDSHIP BULKHEAD, Upper tween decks					<i>Siemens Balker Steel</i>			
„ „ Second „					<i>Seelemans</i>			
„ „ Third „					<i>Seelemans</i>			
„ „ Holds	25	36.30	4 130 x 65 x 8	24 3/8	<i>Seelemans</i>			
„ „ (in Hold)	27	.40	4 130 x 65 x 8	24	<i>Seelemans</i>			
COLLISION „		.30	4 130 x 65 x 8	24	<i>Seelemans</i>			
AFTER PEAK „		.30	4 x 2 1/2 x .30	24	<i>Seelemans</i>			

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

Siemens Balker Steel
Société Anonyme d'Angleur Affus.

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

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.)

Plans approved. 1938

30/6; Midship section, profile, deck stemframe

19/7; Modified plan of profile and deck.

21/7; Plan of bulkheads.

3/8; Modified plan of stemframe and upper

24/8; Motoseating. 29/8; re-arrangements at breaks.

19/9; New profile and deck and cross stiffeners

22/9; Bulkheads showing a proposal to weld stiffeners

27/9; Harshwelds electric welding

PARTICULARS OF ELECTRIC WELDING (if employed)

Lugs on margin welded flat plates.

Balance in upper electric welded.

Stiffeners on bulkheads electric welded.

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

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

1st Bower
2nd "
3rd "

7 Cnt - 2 Qrs - 2 lbs. N° 6199 W. H. Flatt. Antwerp L.R.
7 Cnt - 1 Qr - 4 lbs. N° 4185 R. Loscelles " L.R.
6 Cnt. 2 Qrs - 24 lbs. N° 333 E. Earnshaw " L.R.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 45.3 ft., R.Q.D. 53.75 ft., Bridge ✓ ft., Forecastle 17.95 ft.

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

Official No. not known yet. Signal Letters M.M. Y. V. Extreme Breadth over Belting 28.6 (Circ. 1611)

Over-all Length 171.66 (Circ. 1703)

No. and Material of Decks One steel deck.

Parts of Bottom of Vessel coated with cement or approved composition Cement

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,	18	32
Double bottom, under Engines and Boilers,			After peak tank,	10.75	33
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	103.9	129.	Other tanks, if fitted, Refuel tank	3.58	19.7
Total length (if continuous) and Capacity		129.	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 933

Date 29/6 - 1938

Dates of Surveys held while building

22/8; 2-15/9; 7-21-28/10; 4-17-30/11; 10-29/12; 1938
13-23/1; 3-13-20-27/2; 6/3; 3-18/4; 4/5; 17/5; 16/5; 1939

Total No. of Visits 23