

STEEL STEAMER or MOTORSHIP.

Received at London Office

MAY 11 1938

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 *10-5-1938*Port of *Groningen*No. *202*Survey held at *Groningen*Date First Survey *1-10-1937*Last Survey *7-5-1938*On the (State if Machinery fitted Aft and Single Screw Motor Vessel *"PEGRIX"* MACHINERY FITTED AFT.State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *FULL SCANTLING*State Type of Erections *Poop and forecaste*

TONNAGE under Tonnage Deck...}

CLASS *+100 A1* State if with freeboard as condition of Class *✓*Built at *Groningen*

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) *L 124.67*Launched *23-2-1938* Yard No. *164*

Total

Breadth (greatest moulded) *B 23.8*Builders *Schipbouw E. & J. van der Horst*Gross Tonnage *296.09*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 9.5*Owners *Robert Rix & Sons*Register Tonnage *120.04*1st Longitudinal Number (L x D) *= 1196*

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

2nd Numeral L x (B + D) *= 4196*Residence *Hull*

REGISTERED DIMENSIONS. FEET.

Framing Depth "d" at middle of length. See Sec. 3 (1d) *8.125*Port of Registry *Hull*Length *125.5*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.25*

If surveyed while building, afloat, or in dry dock

Breadth *23.95*

Do. Long Bridge to top of keel

Depth *8.6*Draught Moulded *8-10 1/2**while 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"		Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead	21"		" " Reversed Frame	✓	
" " in peaks	20"		" " Vertical Struts	✓	
IDE FRAMING.			Centre Girder, depth and thickness amidships	✓	
Frame Amidships, Angle E or F	4 2 1/2 .20	✓	" " top Angles	✓	
" " Extends up to	main deck	✓	" " bottom Angles	✓	
Reversed Frame Amidships, Angle F or E	10 x .20	✓	Side Girders, No. each side and thickness	✓	
" " Extends up to	main deck	✓	Margin Plate depth (excl. of flange) and thickness	✓	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side	✓	
Frames in Uppermost Continuous 'tween Decks, Angle E or F	✓		Bracket abaft 1/2 len. from stem	✓	
" " Second 'tween Decks, Angle E or F	✓		" " Vertical Angle to Tank side	✓	
" " Third " " " "	✓		Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " from 1/2 len. from d. to 15% len. from Stem	5 2 1/2 .32	✓	Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " in Peaks, Angle E or F	4 2 1/2 .20	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 inch 4 1/4"	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
State if Frame Joggled	NO	✓	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Breadth and thickness of Middle Line Strake	✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	Thickness of remainder in Holds	✓	
INGLE BOTTOM.			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?	✓	
Floors, Depth and thickness at mid-line in Holds	15" x .30"	✓	BEAMS.		
Height of Brackets at side above base line at toe of frame	ALL straight floors 16 1/4"	✓	Uppermost Continuous Deck, amidships in Wells, Angle E or F	4 1/2 2 1/2 .32	✓ also see plans
Middle Line Keelson, on Floors, Angles, E or F	3 1/2 x 3 x .20	✓	" " in way of Bridge, Angle E or F	✓	
" " Through Plate on Intercoastal Plate	19" x .32	✓	Spacing	21	✓
" " Foundation Plate on Floors	24" x .32	✓	Second Deck, amidships, Angle E or F	✓	
" " Flat Plate Keel Angles	3 1/2 3 1/2 .32	✓	Spacing	✓	
Side Keelsons, No. each side	ONE	✓	Third Deck, amidships, Angle E or F	✓	
" " thickness of Intercoastal Plate	.26	✓	Spacing	✓	
" " Angles	6 3 .36	✓	Fourth Deck, amidships, Angle E or F	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	✓		Poop Deck, Angle E or F	3 1/2 2 1/2 .39	✓ also see plans
" " Are Frame and Reversed Frame joggled?	✓		Spacing	20" and 21"	✓
Bracket Floors, breadth and thickness at middle line	✓		Bridge Deck, Angle E or F	✓	
" " breadth and thickness at margin plate	✓		Spacing	✓	
			Forecastle Deck, Angle E or F	3 1/2 2 1/2 .39	✓
			Spacing	20"	✓

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.....			Thickness of Plating abreast Deck openings) in way of Wells	✓	
" " " " "			Thickness of Plating abreast Deck openings) in way of Bridge	✓	
" in Holds " " " " "	JL 4 2½ .32 ONLY AT HATCHEND BEAT.	✓	Thickness of Plating within line of openings...	✓	
" " " " "			If Sheathed, material and thickness	✓	
Centre Line Bulkhead.			Third Deck.		
Stiffeners and Spacing.....	L 5 2½ .32 TWO FRAMES SPACES.	✓	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	.28.	✓	If Plated, state thickness.....	✓	
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	52"x.40"	✓	If Plated, state thickness	✓	
" " " " , in way of Bridge	✓		Poop Deck.		
" Angle in Wells	3 3 .40	✓	Stringer Plate, breadth and thickness	36"x.24	✓
Thickness of Plating abreast Deck openings) in way of Wells .....	.40 - .36	✓	Plating, Sheathing, material and thickness ...	.24 SHEATHING 2½ PINE	✓
Thickness of Plating abreast Deck openings) in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.26. 2 .28	✓ also see plan	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	✓		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	36"x.24	✓
			Plating, Sheathing, material and thickness ...	.24	✓

SHELL PLATING.

SCANTLINGS.						RIVETING.										
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.							
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	SINGLE OR DOUBLE.	RIVETS.		No. of ROWS OF RIVETS.	RIVETS.		SPACING OR LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.				Diam.	Spacing or to cr.		Diam.	Spacing or to cr.				
	Inches.	Inches.	Inches.	Inches.					Inches.			Inches.				
FLAT PLATE KEEL	48	44	✓	40	✓	40	✓	DOUBLE	3/4	3	✓	TREBLE	3/4	2 5/8	✓	LAPPED.
„ DBLG. (if any)																
BOTTOM PLATING, No. of of Strakes	54	34	✓	30	✓	30	✓	DOUBLE	5/8	2 3/8	✓	DOUBLE	5/8	2 3/8	✓	LAPPED
BILGE PLATING, No. of Strakes	46	34	✓	30	✓	30	✓	DOUBLE	3/4	3	✓	DOUBLE	5/8	2 3/8	✓	LAPPED
SIDE PLATING, No. of Strakes	35	40	✓	30	✓	30	✓	DOUBLE	3/4	3	✓	DOUBLE	3/4	2 5/8	✓	LAPPED.
UPPER DECK, Sheer- strake in Wells	42	42	✓	28	✓	28	✓	DOUBLE	3/4	3	✓	TREBLE	3/4	2 5/8	✓	LAPPED
UPPER DECK, Sheer- strake in Bridge ...	✓	✓	✓	✓												
STRAKE BELOW Sheer- strake in Wells	35	40			✓			DOUBLE	3/4	3		DOUBLE	3/4	2 5/8	✓	LAPPED.
STRAKE BELOW Sheer- strake in Bridge ...	✓															
POOP SIDE PLATING	44 1/2			28	✓	26	✓	SINGLE	5/8	2 5/8	✓	DOUBLE	5/8	2 3/8	✓	LAPPED.
BRIDGE SIDE PLATING ...																
FORECASTLE SIDE PLATING	45 1/2			26	✓			SINGLE	5/8	2 5/8	✓	DOUBLE	5/8	2 3/8	✓	LAPPED.

WATERTIGHT BULKHEADS.

FORGINGS and CASTINGS.

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

Plating Thickness.	STIFFENERS.			
	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks				
" " Second "				
" " Third "				
" " Holds	3/16 ✓	25 x 3 ✓	34 ✓	✓
COLLISION " (in Hold)	3/16 ✓	26 x 3 ✓	32 ✓	44 stringer 5'0" ✓
AFTER PEAK " "	5/16 ✓	24 x 27 ✓	26 ✓	24 recess deck ✓

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	.....	FLAT PLATE KEEL		
STEM	.....	ROLLED 6 x 1 1/2 ✓		
STERN FRAME	Propeller Post	.....	FORGING 5 1/2 x 2 3/4, N.Y. PEKEL; MACH. FABRIK EL. WELOCO.	
	Rudder	.....	
Speed of Vessel	.....	10 knts. ✓		
RUDDER—Type	.....	Oergh shape ✓		
" A x D	.....		
" Diam. of head	.....	FORGED 4 1/2 ✓	N.Y. PEKEL; MACH. FABRIK	
" Mainpiece at top pintle	.....		
" " heel	.....		
" how constructed	.....	plates elect. welded ✓		
" double or single plate coupling, vertical or horizontal	.....	double plate .36 ✓		
"	.....	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*
Cargo Fleet Iron Co Ltd, Colville Ltd. The Steel Company of Scotland. Ltd, Corbitt Iron Co Ltd.
Gorman Long & Co Ltd.
Has the Steel been tested as required by the Rules? *yes.* ✓

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.)

SISTER VESSEL "ROBRIX" Amsterdam report N°19049.
FOR THE APPROVED PLANS. SEE Amsterdam report N°19049. YARD N°154

PARTICULARS OF ELECTRIC WELDING (if employed)

Sternframe and midder electrically welded. ✓

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

Bulder electrically welded. ✓ Cruiserskin

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

1st Bower 4-1-0, J.F.R. 2290. 2-4-37
2nd .. 4-0-21, W.H. 6494 26-3-37.
3rd ..

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 43.75 ft., R.Q.D. — ft., Bridge — ft., Forecastle 15. ft.

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

Official No. 165705 Signal Letters Extreme Breadth over Belting 26.64' Over-all Length 134'-0 5/8' ✓
(Circ. 1634) (Circ. 1703)

No. and Material of Decks ONE STEEL DECK. ✓

Parts of Bottom of Vessel coated with cement or approved composition cement in fore and afterpeak, bottom in hold and engine room.

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,	16.7	49 ✓
Double bottom, under Engines and Boilers,			After peak tank,	8.33	13.8 ✓
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. 211.

Date 1-12-37.

Dates of Surveys held while building

1, 8, 15, 19, 22, 26, 29-10-1937; 3, 5, 9, 12, 13, 16, 19, 23, 25, 30-11-1937; 3, 7, 10, 14, 17, 21, 24, 28, 31-12-1937;
4, 6, 26-1-1938; 16, 23, 21, 22, -2-1938; 1, 4, 7, 22-3-1938;
23, 27-4-1938; 2, 4, 5, 7-5-1938

Total No. of Visits 43