

STEEL STEAMER OR MOTORSHIP.

24 DEC 1953

Received at London Office.

State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yesDate of completion of report 8-12-53 Port of Rotterdam No. 37158ASurvey held at Heusden Date First Survey 8-12-52 Last Survey 15-10-1953On the (State if Machinery fitted with and if Single, Twin or Triple Screw) Single Screw Motorvessel "LISBETH M"; Mach. 274State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) full scantling State Type of Erections F, RQD, PTONNAGE under Tonnage Deck 628.17

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

Total

Gross Tonnage 938.73Register Tonnage 457.35CLASS A1 State if with freeboard as condition of Class noLength from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 199.6Breadth (greatest moulded) B 33.0Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) (18.73)1st Longitudinal Number (L x D) =2nd Numeral L x (B + D) =Framing Depth "d," at middle of length. See Sec. 3 (1d) 13.24Proportions—Depth to Length—Uppermost continuous deck to top of keel 1/10.66Do. Long Bridge to top of keel 14'-3 3/4"Draught Moulded 14'-3 3/4"Built at HeusdenLaunched 2-7-53 Yard No. 274Builders N. De Haan & VerklemansOwners Melcalf Motorcoasters Ltd.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port of Registry London

If surveyed while building, afloat, or in dry dock

while building

REGISTERED DIMENSIONS.

FEET

Length 206.95Breadth 33.15Depth 18.65

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.....	580	✓	Bracket Floors, Frame	150 75 10	✓
" " from 1/2 length amidships to Collision bulkhead.....	580	✓	" " Reversed Frame.....	150 75 9	8 ⁵
" " in peaks	580	✓	" " Vertical Struts	220 75 75	
DE FRAMING.			Centre Girder, depth and thickness amidships	875 10	✓
Frame Amidships, Angle E or C at RQD. 150 75 10		✓	" " top Angles	ew	✓
" " Extends up to at well 150 75 9		✓	" " bottom Angles.....	ew	✓
" " R.Q.D. resp. Frame decks.		✓	Side Girders, No. each side and thickness.....	—	
" " 9 face bar 150 x 12 ⁵		✓	Margin Plate depth (excl. of flange) and thickness	830 9	✓
" " R.Q.D. Welldeck		✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	ew	✓
Depth of Framing Girder.....	218 222 ⁵	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	ew	✓
" " on fr. 70, 74, 78, 82, 85 & 88			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	—	
" " Frames in Uppermost Continuous between Decks, Angle, E or C	150 75 9	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	—	
" " Second 'tween Decks, Angle, C or C	—		Tank Side Brackets, height above base line at toe of Frame and thickness	1075 85 8	✓
" " Third " " " " "	—		INNER BOTTOM PLATING.		
" " from 1/2 len. for'd. to 15% len. from Stem	150 75 9	✓	Breadth and thickness of Middle Line Strake...	85	✓
" " in Peaks, Angle C or C	150 75 10	✓	Thickness of remainder in Holds	8	✓
" " Pitcher and Spacing of Rivets through Frame and Shell Plating amidships	3/4 7D	✓	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?.....	yes	✓
" " Is Frame Joggled.....	no	✓	BEAMS.		
" " the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	yes	✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or C	100 75 10	(1/2 beams)
" " the scantlings and arrangements in way the Bottom Forward in accordance with the Rules and/or as approved?	yes	✓	" " in way of Bridge, Angle, E or C	100 75 9	(1/2 beams)
DE BOTTOM.			" " Spacing	580	
" " s, Depth and thickness at mid-line in Holds.....			Well		
" " Height of Brackets at side above base line at toe of frame.....			Second Deck, amidships, Angle, C or C	115 75 9	(1/4 beams)
" " Line Keelson, on Floors, Angles, C or C			" " Spacing	580	
" " Through Plate or Intercoastal Plate			RQD		
" " Foundation Plate on Floors			Third Deck, amidships, Angle, E or C	115 75 8	(1/4 beams)
" " Flat Plate Keel Angles			" " Spacing	580	
" " Keelsons, No. each side.....			Fourth Deck, amidships, Angle, C or C	—	
" " thickness of Intercoastal Plate...			" " Spacing	—	
" " Angles			Poop Deck, Angle, E or C	100 65 8	✓
DE BOTTOM.			" " Spacing	580	✓
" " s, Depth and thickness at mid-line in Holds.....	75 2900	✓	Bridge Deck, Angle, C or C	—	
" " Are Frame and Reversed Frame joggled?	no	✓	" " Spacing	—	
Bracket Floors, breadth and thickness at middle line	600 8 75	✓	Forecastle Deck, Angle, E or C	115 65 8	✓
" " breadth and thickness at margin plate.....	600 75 75	✓	" " Spacing	580	✓

PILLARS AND DECKS.

		mm Inches IN SHIP.		Any Departure from Approved Plans to be Noted.		mm Inches IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows									
"	in 'tween Decks, Size and Spacing								
"	" " " "								
"	in Holds " " "								
"	" " " "								
Centre Line Bulkhead.									
Stiffeners and Spacing	5.150 x 7.5 x 9; 1120				✓				
Plating, thickness of	7.5				✓				
STRINGERS AND DECKS.									
Uppermost Continuous Deck.									
Stringer Plate, breadth and thickness in Wells	2000 13				✓				
" " " " in way of Bridge	RQD 1530 11				✓				
" " " " Angle in Wells	90 90 12				✓				
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	7.5				✓				
If Sheathed, material and thickness	—								
Second Deck.									
Stringer Plate, breadth and thickness in Wells	—								
Stringer Deck.									
Stringer Plate, breadth and thickness	—								
Plating, Sheathing, material and thickness	6.5				✓				
Third Deck.									
Stringer Plate, breadth and thickness	—								
If Plated, state thickness	—								
Fourth Deck.									
Stringer Plate, breadth and thickness	—								
If Plated, state thickness	—								
Poop Deck.									
Stringer Plate, breadth and thickness	6.5				✓				
Plating, Sheathing, material and thickness	6.5 wood 2 1/2"				✓				
Bridge Deck.									
Stringer Plate, breadth and thickness	—								
Plating, Sheathing, material and thickness	—								
Forecastle Deck.									
Stringer Plate, breadth and thickness	6.5				✓				
Plating, Sheathing, material and thickness	6.5 no sheath.				✓				

SHELL PLATING.

SCANTLINGS.					RIVETING.										
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.						
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	yes	RIVETS.	No. of ROWS OF RIVETS.	RIVETS.		STRAPPED LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.						SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	Spacing cr. to cr.
	Inches. mm	Inches. mm	Inches. mm	Inches. mm											
Flat Plate Keel.....	10 3/5	12 5/8	12 5/8	12 5/8		D	3/4	7/8	ew						
„ Dblg. (if any)															
Bottom Plating, No. of						D/S	3/4	5/8	6/8	ew					
Strakes						D/S	3/4	5/8	7/8	ew					
Bilge Plating, No. of						S	3/4	5/8	7/8	ew					
Strakes						S	3/4	5/8	7/8	ew					
Side Plating, No. of						S	3/4	5/8	7/8	ew					
Strakes						S	3/4	5/8	7/8	ew					
Upper Deck, Sheer- strake in Wells.....						S	3/4	5/8	7/8	ew					
Upper Deck, Sheer- strake in Bridge.....						S	3/4	5/8	7/8	ew					
Strake below Sheer- strake in Wells.....						S	3/4	5/8	7/8	ew					
Strake below Sheer- strake in Bridge.....						S	3/4	5/8	7/8	ew					
Poop Side Plating.....						S	5/8	6/8	ew						
Bridge Side Plating.....															
Forecastle Side Plating						S	5/8	6/8	ew						

WATERTIGHT BULKHEADS.

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

STIFFENERS.

		Plating Thickness.	VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks		<i>mm</i>				
"	Second "					
"	Third "					
"	Holds Fr. 27		75-10	150.75.10; 750		
"	(in Hold) "..... 94		75-10 ⁵	200.100.10; 610		
"	"..... 7		75-10 ⁶	100.65.8; 610		
COLLISION "						
AFTER PEAK "						

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Dimensions from A Plans to
KEEL, Bar	—	—	—	
STEM	plate	12	yard	
STERN FRAME { Propeller Post	F	20	"	
{ Rudder	F	φ 155	"	
Speed of Vessel	not exceeding 10 knots			
RUDDER—Type	Simplex			
" A × D. x 100		292		
" Diam. of head		150/140	yard	
" Mainpiece at top pintle	Tube	333/351	"	
" " heel				
" how constructed		ew	"	
" double or single plate	D	9	"	
" coupling, vertical or	H	38	"	
" horizontal				

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *open new*
 Plates: *N.V. Kon. Ned Hoogovens en Staal fabrieken*
 sections: *Skinnergrove Iron Co Ltd; Dorman, Long & Co Ltd; Brittenwerk Oberhausen A.G.;*
 Has the Steel been tested as required by the Rules? *yes* [*Union A.G.; Cleveland Steel*

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.)

Approved plans: } conform original approved plans,
Midship section } dated Rotterdam
Profile and decks }
Shell expansion 13-12-'52
Double bottom 13-12-'52
Motor seating 19-1-'53
Stern frame and rudder 23-1-'53
Helm 23-1-'53
Rudderhead 23-1-'53
Watertight and oiltight bulkheads 13-1-'53

Certificates attached:
Alteration ship certificate, dated Rotterdam, 15-10-'53;
Certificate of stern frame, 9-10-'53;
rudder + stock, dated Rotterdam 9-10-'53.
Certificates for steering gear:
N° 2996, dated Copenhagen 30.6.53.
N° 4033, " " 12.2.53.
N° 4034, " " 12.2.53.
N° 4048, " " 13.5.53.

PARTICULARS OF ELECTRIC WELDING (if employed)

Centre girder; bilge brackets and floors to margin plate; double bottom
top plating; bulk of shell plating; engine seating; stern frame and rudder;
hatchways; bulkheads with stiffeners.

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

Cruiser stern
Part enw.
Echo sounding device

RADAR Equipment (State if fitted)

State Type or Pattern No. 159⁰

State Name of Maker and/or Supplier. Decca

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

1st Bower. 14-1-8; AEC; Sunderland cert. N° 4145; 28-4-'53
2nd " 14-1-6; AEC; " " 4144; 28-4-'53
3rd " 14-1-16; AEC; " " 4146; 28-4-'53

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 51.0 ft., R.Q.D. 66.60 ft., Bridge — ft., Forecastle 23.4

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

Official No. 185455 Signal Letters GRFC Extreme Breadth over Belting (Circ. 1611) Over-all Length 218.1 (Circ. 1703)

No. and Material of Decks

Parts of Bottom of Vessel coated with cement or approved composition

all parts with Terbite, except bunkers oiled and ER with red lead.

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,	27.1	96.
Double bottom, under Engines and Boilers,	—	—	After peak tank,	11.4	41.
Double bottom, if under Engines only,	—	—	Deep tank, aft, at counter: FW 10.6 Tons	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	129.4	229.9	Other tanks, if fitted, between hatchways	7.6	19.
Total length (if continuous) and Capacity	129.4	229.9	(If necessary furnish further information by sketch.)	—	—

Order for Special Survey No. 1180

Date 29-12-'52

Dates of Surveys held while building

1952: 8, 17-12
1953: 5, 28-1; 6, 12-2; 4, 30-3; 15-4; 5, 15, 18-5
4, 12, 19, 26-6; 2^{2x}, 28-7; 7, 19-8; 16, 21, 29-9
5, 15^{2x}-10.

Total No. of Visits

Lloyd's Register Foundation