

# RECEIVED WRECK SECTION STEEL STEAMER OR MOTORSHIP WRECK SECTION

11 OCT 1948  
IN D. NO 931

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 **1<sup>ST</sup> OCTOBER 1948** Port of **GREENOCK** No. **23455**

Survey held at **PORT GLASGOW** Date First Survey **1<sup>ST</sup> OCTOBER 1946** Last Survey **21<sup>ST</sup> SEPTEMBER 1948**

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **SINGLE SCREW MOTORSHIP "CIS BRÖVIG" MACHINERY AFT**

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **FULL SCANTLING TANKER** State Type of Erections **POOP BRIDGE & C/LR**

TONNAGE under Tonnage Deck ... **8019.37**

CLASS **100 A.1**

State if with freeboard as condition of Class **NO**

Built at **PORT GLASGOW**

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 470.0**

Launched **21<sup>ST</sup> JUNE 1948** Yard No. **477**

Breadth (greatest moulded) **B 62.0**

Builders **WM HAMILTON & CO L<sup>DS</sup>**

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 35.25**

Owners **P/R. BROVIG TANK**

1st Longitudinal Number (L x D) **= 16567**

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

2nd Numeral L x (B + D) **= 45707**

Residence **FARSUND**

Framing Depth "d," at middle of length. See Sec. 3 (1d) **-**

Port of Registry **FARSUND**

Proportions—Depth to Length—Uppermost continuous deck to top of keel **13.33**

If surveyed while building, afloat, or in dry dock

Do. Long Bridge to top of keel **-**

Draught Moulded **28' 2 1/2"**

**BUILDING AFLOAT & DRYDOCK (UNDOCKED 20.9.48)**

## 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.
<b>FRAMES, Spacing amidships</b>	<b>30</b> ✓		<b>Bracket Floors, Frame</b>		
" " <b>IN ENGINE ROOM</b>			" " <b>Reversed Frame</b>		
" " <b>from 1/2 length amidships to Collision bulkhead</b>	<b>30 1/2</b> ✓		" " <b>Vertical Struts</b>		
" " <b>IN FOR-DEEP TANK TO COLL. BHD.</b>	<b>27</b> ✓		<b>Centre Girder, depth and thickness amidships</b>	<b>33 1/2 x .48</b> ✓	
" " <b>in peaks</b>	<b>24</b> ✓		" " <b>top Angle</b>	<b>HELMED</b>	
<b>SIDE FRAMING.</b>			" " <b>bottom Angle</b>	<b>HELMED</b>	
Frame Amidships, Angle, <b>E or C</b>	<b>11 3 1/2 .43</b> ✓		<b>Side Girders, No. each side and thickness</b>	<b>2 @ .75 CONTINUOUS</b> ✓	
" " <b>Extends up to</b>	<b>UPPER DK. WITH 2 STRINGERS</b> ✓		<b>Margin Plate depth (excl. of flange) and thickness</b>	<b>TANK</b>	
" " <b>Reversed Frame Amidships, Angle</b>	<b>UPPER 30" x 42" WITH 5 1/2" x 42" FACE FLAT</b> ✓		" " <b>Vertical Angle to Tank side Bracket abaft 1/2 len. from stem</b>	<b>TOP</b>	
<b>FRAMES IN ENGINE ROOM.</b>	<b>LOWER 30" x 42" " 6" x 42" " "</b> ✓		" " <b>Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area</b>	<b>LEVEL</b> ✓	
Extends up to <b>F</b>	<b>10 3 1/2 .40</b> ✓		" " <b>Gussets, spacing and scantling abaft 1/2 len. from stem</b>		
Depth of Framing Girder	<b>11 x 10 B.A.</b> ✓		" " <b>Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area</b>		
Frames in <b>ENGINE ROOM</b>			<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<b>FRAMES CONTINUOUS</b> ✓	
Uppermost Continuous 'tween Decks, Angle, <b>E or C</b>	<b>7 3 1/2 .34</b> ✓		<b>INNER BOTTOM PLATING. IN ENGINE ROOM.</b>		
" " <b>DEEP TANK</b>			<b>Breadth and thickness of Middle Line Strake</b>	<b>1/4" UNDER ENGINES</b> ✓	
" " <b>Second 'tween Decks, Angle, E or C</b>	<b>9 3 1/2 .37</b> ✓			<b>.53 ELSEWHERE</b> ✓	
" " <b>Third</b>			<b>Thickness of remainder in Holds</b>		
" " <b>from 1/2 len. for'd. to 16% len. from Stem</b>	<b>11 3 1/2 .43</b> ✓		<b>Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. &amp; B. space and framing in Bunkers and Boiler Room?</b>	<b>YES. MOTOR SHIP</b> ✓	
" " <b>in Peaks, Angle or C</b>	<b>9 3 1/2 .37</b> ✓		<b>BEAMS.</b>		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<b>7/8 - 6 DIA</b> ✓		<b>Uppermost Continuous Deck, amidships in Wells, Angle, E or C</b>	<b>LONGITUDINAL FRAMING</b>	
State if Frame Joggled	<b>YES</b> ✓		" " <b>in way of Bridge, Angle, E or C</b>	<b>8 3 1/2 .54 8 x 3 1/2 .45</b> ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<b>YES</b> ✓		" " <b>Spacing</b>	<b>8 3 .38</b> ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<b>YES</b> ✓		<b>Second Deck, amidships, Angle, E or C</b>	<b>9 3 .36 9 x 3 .36</b> ✓	
<b>SINGLE BOTTOM.</b>			" " <b>Spacing</b>	<b>8 3 1/4 .34 8 x 3 1/4 .40</b> ✓	
Floors, Depth and thickness at mid-line in Holds			<b>SECOND DECK IN WAY OF C.T. PLAT.</b>		
Height of Brackets at side above base line at toe of frame	<b>LONGITUDINAL FRAMING</b>		<b>Third Deck, amidships, Angle, E or C</b>	<b>7 3 1/2 .46</b> ✓	
Middle Line Keelson, on Floors, Angles, <b>E or C</b>	<b>ON BOTTOM IN WAY OF</b>		" " <b>Spacing</b>	<b>EVERY FRAME</b> ✓	
" " <b>Through Plate or Intercoastal Plate</b>	<b>CARGO TANKS</b> ✓		<b>Fourth Deck, amidships, Angle, E or C</b>		
" " <b>Foundation Plate on Floors</b>			" " <b>Spacing</b>	<b>8 3 35/64 24" SPACING</b> ✓	
" " <b>Flat Plate Keel Angles</b>			<b>Poop Deck, Angle, E or C</b>	<b>8 3 50/64 30 1/2 "</b> ✓	
Side Keelsons, No. each side			" " <b>Spacing</b>	<b>EVERY FRAME</b> ✓	
" " <b>thickness of Intercoastal Plate</b>			<b>Bridge Deck, Angle, E or C</b>	<b>LONGITUDINAL FRAMING</b> ✓	
" " <b>Angles</b>			" " <b>Spacing</b>	<b>SPACED 33" APART</b> ✓	
<b>DOUBLE BOTTOM. IN ENGINE ROOM ONLY.</b>			<b>Forecastle Deck, Angle, E or C</b>	<b>9 3 .50 27" SPACING</b> ✓	
Solid Floors, thickness and spacing	<b>.60 BETWEEN GIRDERS</b> ✓		" " <b>Spacing</b>	<b>8 3 .45 35 24 "</b> ✓	
" " <b>Are Frame and Reversed Frame joggled?</b>	<b>.43 REMAINDER @ 30 1/2 "</b> ✓			<b>EVERY FRAME</b> ✓	
<b>Bracket Floors, breadth and thickness at middle line</b>	<b>HELMED TO SHELL &amp; TANK TOP</b> ✓				
" " <b>breadth and thickness at margin plate</b>					



# 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 .....	AT ENDS &		Stringer Plate, breadth and thickness in way of Bridge .....	
„ in 'tween Decks, Size and Spacing .....	IN BRIDGE		Thickness of Plating abreast Deck openings in way of Wells .....	36 ✓
„ „ „ „ „ „	AS APPROVED. ✓		Thickness of Plating abreast Deck openings in way of Bridge .....	
„ in Holds „ „ „			Thickness of Plating within line of openings .....	
„ „ „ „ „ „			If Sheathed, material and thickness .....	
LONGITUDINAL Centre Line Bulkhead, P & S. ✓	10 x 4 x 475 WELDED TOE ON ✓		Third Deck. O.T. FLAT FORWARD.	
Stiffeners and Spacing .....	SPACED 30" WITH TWO STRINGERS		Stringer Plate, breadth and thickness .....	38 ✓
Plating, thickness of .....	UPPER 30 x 40 WITH 6 x 42 FACE FLAT ✓		If Plated, state thickness .....	38 ✓
„ „ „ „ „ „	LOWER 30 x 40 " 6 x 42 " " ✓		Fourth Deck.	
STRINGERS AND DECKS.	PLATING. 48 x 38 (VERTICAL) ✓		Stringer Plate, breadth and thickness .....	
Uppermost Continuous Deck.	(BOTTOM STRAKE)		If Plated, state thickness .....	
Stringer Plate, breadth and thickness in Wells	91 x 80 ✓		Poop Deck.	
„ „ „ „ „ in way of Bridge	ENDS 96 ✓		Stringer Plate, breadth and thickness .....	38 ✓
„ „ „ „ „ " " " POOP	" 90 ✓		Plating, Sheathing, material and thickness .....	40-30 2 1/2" O.P. EXPOSED. ✓
„ Angle in Wells .....	7 7 72 ✓		Bridge Deck.	
Thickness of Plating abreast Deck openings in way of Wells .....	3 STRAKES = .60" ✓		Stringer Plate, breadth and thickness .....	78 x 44 ✓
Thickness of Plating abreast Deck openings in way of Bridge .....	REMAINDER = .68" ✓		Plating, Sheathing, material and thickness .....	34 x 33 IN ACCORD. COMPO. ✓
Thickness of Plating within line of openings .....	.76 - .60 ✓		Forecastle Deck.	
If Sheathed, material and thickness .....	NOT SHEATHED. ✓		Stringer Plate, breadth and thickness .....	38 ✓
Second Deck. IN WAY OF ENGINE ROOM			Plating, Sheathing, material and thickness .....	36 NOT SHEATHED. ✓
Stringer Plate, breadth and thickness in Wells	.40 .50 UNDER BOILERS. ✓			

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	TOP EDGES. State if joggled? <i>NO.</i>			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.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	84 ✓	.90 ✓	.80 ✓	.80 ✓		DOUBLE ✓	1 ✓	3 3/4 ✓				
„ Dblg. (if any)	3 STRAKES OF BOTTOM PLATING .72" FOR 1/2 LENGTH FORWARD TO COLLISION BULKHEAD.										Bottom plating from Collision Bld .72 & .75 See plan	
Bottom Plating, No. of Strakes .....3.....		.66 ✓	.52 ✓	.52 ✓		DOUBLE ✓	7/8 ✓	3/8 ✓				
Bilge Plating, No. of Strakes .....1.....		.66 ✓	.52 ✓	.52 ✓		" ✓	" ✓	" ✓				
Side Plating, No. of Strakes .....4.....		.64 ✓	.48 ✓	.48 ✓		" ✓	" ✓	" ✓				
Upper Deck, Sheer- strake in Wells.....	72 ✓	.94 ✓	.48 ✓	.48 ✓		ALL BUTTS WELDED.						
<del>Upper Deck, Sheer- strake in Bridge...</del>		INCREASED TO 1 1/16" AT POOP & BRIDGE BREAKS. ✓										
Strake below Sheer- strake in Wells.....	72 ✓	.78 ✓	.48 ✓	.48 ✓		DOUBLE ✓	1 ✓	3 3/4 ✓				
<del>Strake below Sheer- strake in Bridge...</del>						SINGLE ✓	7/8 ✓	3/8 ✓				
Poop Side Plating.....				.44 ✓		" ✓	" ✓	" ✓				
Bridge Side Plating.....		.44 ✓				" ✓	" ✓	" ✓				
Forecastle Side Plating			.44 ✓			" ✓	" ✓	" ✓				

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	13 ✓
Extending to Upper Deck (Sec. 3 c)	13 ✓
„ Deck next below .....	—
As per Rule .....	AS APPROVED. ✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
„ „ Second „					
„ „ Third „					
„ „ Holds .....	ANGLE	40" 10 1/2 x 475 WELDED TOE ON	30" ✓	2 GIRDER AS APPROVED	
COLLISION „ (in Hold) .....		53-36 7 1/2 x 38 6 x 3 1/2 x 30 6	24" ✓	4 SEMI-BOX BEAMS	
AFTER PEAK „ „		48-31 7 1/2 x 38 WELDED TOE ON	24" ✓	2ND DECK & SIDE STRINGER.	

## FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar .....	LOWER ROLLED	FLAT PLATE 10 1/2 x 2 1/2		
STEM .....	UPPER	PLATES 60-50		
STERN FRAME { Propeller Post .....	CASTING. SEE PLAN	STROMMANS VERKSTED.		
{ Rudder .....	NO RUDDER POST.			
Speed of Vessel .....	14 KNOTS			
RUDDER—Type .....	SEMI-BALANCED	See plan		
„ A x D .....	—			
„ Diam. of head .....	CASTING. 12" DIA.	STROMMANS VERKSTED.		
„ Mainpiece at top pintle .....	SEE			
„ „ heel .....	PLAN			
„ how constructed .....	COMPLETE CAST STEEL FRAME			
„ double or single plate coupling, vertical or .....	62" ✓			
horizontal .....	HORIZONTAL 6-4 1/2 DIA. BOLTS.			

## STEEL.

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

COLVILLES LTD, STEEL CO OF SCOTLAND & LANARKSHIRE.

Has the Steel been tested as required by the Rules? YES. ✓



# "CIS BRÖVIG"

## PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
	In Ship.			In Ship.				Rivets in Longitudinal Frames.	Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.					Diam.	Speng.
Large 'tween Decks ...	7	3 1/2	.44					7/8	5 1/4			
Uppermost Continuous No. 1	17	4	.49	17	4	.49	ENDS OF LONGITUDINALS	7/8	5			WELDED
" 2	"	"	"	"	"	"	WELDED AS APPROVED IN	"	"			"
" 3	"	"	"	"	"	"	LIEU OF BACK BARS.	"	"			"
" 4	"	"	"	"	"	"		"	"			"
" 5	LONGITUDINAL BULKHEAD.											
" 6	17	4	.49	TRANSVERSE				7/8	5			WELDED
" 7	"	"	"	FRAMING				"	"			"
" 8	"	"	"	IN END NING				"	"			"
" 9	"	"	"	TANKS				"	"			"
" 10	"	"	"					"	"			"
ORDER	" 11											
TANKS.	" 12											
PLATE	" 13	41	+	.42	41	+	.42	INTERCOSTAL BETWEEN TRANSVERSES.				
ANGLES	" 14	3 1/2	3 1/2	.44 DBL.	3 1/2	3 1/2	.44 DBL.	"	"	"		
M ANGLES.	" 15	4	4	.50	4	4	.50	"	"	BULKHEADS.		
" 16												
Amidships	CENTRE TANKS 30" ✓											
At Ends												
Top Longitudinals												
Bottom	DOUBLE BOTTOM IN ENGINE ROOM ONLY.											
of Longitudinals	Amidships	TRANSVERSE FRAMING. ✓										
	At ends...											
Transverses.												
Depth and Thickness												
Face Angles												
Lugs to Shell*												
Depth and Thickness	41	+	.44	41	+	.44	FORMING 42" GIRDER. ✓					
Face Angles FLATS.	14	+	1.0	14	+	1.0						
Lugs to Shell*	WELDED.			WELDED.								
Depth and Thickness	37	+	.44	37	+	.44	FORMING 37.66" GIRDER. ✓					
Face Angles FLATS	8	+	.66	8	+	.66						
Lugs to Shell*	WELDED			WELDED.								
" " Back Bars												
Brackets	45 x .44 TO FRAMES. 48 x .44 WEB TO LONG- BAYS & 69 x .44 AT SIDES OF C <sup>A</sup> TANK TRANSVERSES.											
Spacing of Transverse Frames...	CENTRE SPAN 10'0" ✓											
* State if joggled or liners.	END SPAN 12'6" ✓											
Longitudinal	Bridge Deck	5	3	.36	BA	WELDED TOE ON	Spacing.	33	✓			
Upper	"	9	3 1/2	.42	9	3 1/2	.42	WELDED TOE ON	30	✓		
Second	"											
Third	"											
Transverse Beams.												
Plate.	12 x 3 1/2 x 3 1/2 x .49 CHANNEL ✓											
Face Angles.	30 x .42 8 x .56 FLAT BAR. ✓											
Any departure from Approved Plans to be Noted.												

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.



EQUIPMENT No. 4766/

LETTER dt

ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
52021	1st Bower	81	0	21	STOCK	655		59	10	0	0	81 1/4	BYERS IMPROVED	NOT STATED	SUNDERLAND 25-3-48 J.H.
52144	2nd "	81	1	0	"			59	10	0	0	81 1/4	"	"	" 30-4-48 "
51547	3rd "	70	3	0	"			54	5	0	0	69 1/2	"	"	" 13-11-47 H.P.
	Collective weight	233	0	21								232			
65526	Stream	23	2	7	6	0	0	23	11	3	14	23 1/2	ORDINARY.	NOT STATED.	C.H. 23-3-48 H.P.

## CHAIN CABLES.

## HAWSERS AND WARPS.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 53.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.		
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.		Per Rule.	Length.	Diam.					Length.	Ins.		Fathoms.	Ins.	Tons.
8566	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.									
	300 3/4	2 1/2	112.5	157.5	944	2	21	940	300	2 1/2	STUD LINK	NOT STATED	NETH. 28-4-48 W.V.N.	TOWLINE	130	5 1/2	84.4	130	5 1/2
Iron Stream Chain or Steel Wire														HAWSERS & WARPS	2-100	2 3/4	15.2	2-100	2 3/4
															2-100	2 3/4	15.2	2-100	2 3/4

Steering Gear, Type (Power or hand) ELECTRIC HYDRAULIC BY DONKIN & CO. ✓ Alternative Means of Steering BLOCKS & TACKLE LED TO WINCH. ✓Steering Chains (Size and Test) TELE MOTOR CONTROL. ✓ STEAM Windlass BY CLARKE, CHAPMAN ✓ Boats 4 x 24' 0" LIFEBOATS ✓1 x 18' 0" WORKING BOAT. ✓Ceiling in Holds, thickness and material NONE ✓ Cargo Battens, thickness, material and spacing NOT FITTED IN ✓CARGO HOLD.Cargo Hatchway. (Upper Deck) FORMED OF STEEL PLATES & ANGLES. ✓ Thickness of Hatches STEEL HINGED COVERS. ✓Size of Hatchways TO HOLD. No. 1 (Fwd.) 9' 0" x 15' 0" ✓ No. 2 26 O.T. HATCHES. 3 4' 0" DIA. ✓ No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters } ✓

Builder's Signature WILLIAM HAMILTON & CO., LIMITED,James Spair  
Secretary

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel MOTORSHIP  
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo OIL TANKER. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built in conformity with the Society's Rules & Regulations & the Secretary's letters. The scantlings & arrangements are in accordance with or equivalent to those shown on the approved plans. The materials & workmanship are of good quality.  
all the double bottom tanks, fore & after peak tanks, oil fuel tanks, oil fuel bunkers, forward deep tank, fresh water tanks & cofferdams have been tested to rule requirements & found satisfactory. The weather decks & w.t. bulkheads have been hose tested & found satisfactory. Bilge suction, hand pump, windlass, steering gear & auxiliary steering gear have been tried & found efficient. Gunboard verified & marks cut in on the vessel's sides.  
oil fuel F.P. above 150°F is carried in cross bunker, forward deep tank & in double bottom at forward end of machinery space & the requirements of Sec. 20 of the Rules where applicable have been complied with.

The amount of Entry Fee..... £ : : Fees applied for,  
Special Survey Fee..... £ 798 0 0  
FAIRBOARD. 34 0 0 Received by me,  
Travelling Expenses, if any ..... £ : : 19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed + 100 A.I. ✓"CARRYING PETROLEUM IN BULK" ✓State whether the Vessel has been built under Special Survey YESSignature J. A. Jamieson  
Surveyor to Lloyd's Register of Shipping.Certificate to be sent to GREENOCK OFFICEDate of issue 6/7/49Committee's Minute GLASGOW 5- OCT 1948Character assigned - 100 A.I.Carrying Petroleum in Bulk.Q. 48 P. 66Longitudinal Framing at Bottom & at Deck- Lmc Q. 608 oil Eng. 2 00 100 11Lloyd's Assoc.

0027 3/13



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 of midship section, profile & Decks (as built) approved plans & forging reports are forwarded herewith.  
Interim certificate issued at request of Builders. Copy attached.

Sister vessel to M.V. "ANDREA BRÖYIG" 2nd Entry Report No 23735.

Note: Stiffening angles to bulkheads generally where welded toe on have been scalloped.

PARTICULARS OF ELECTRIC WELDING (if employed) ALL BUTTS OF SHELL & DECK PLATING. LONGITUDINAL & TRANSVERSE BULKHEADS. STIFFENERS TO BULKHEADS. ENGINE SEATING. BOSS PLATE. SIDE STRINGERS TO SHELL & BULKHEADS. SIDE STRINGER & BULKHEAD BRACKETS. LONGITUDINALS TO DECK. TRANSVERSES TO SHELL, BULKHEADS & CB GIRDER. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book LONGITUDINAL FRAMING AT BOTTOM & AT DECK. LLOYDS A & C.P. ✓ ESD. ✓ D.F. ✓ RADAR. ✓ GYCC. CRUISER STERN. MACHINERY AFT. OIL ENGINE. CARRYING PETROLEUM IN BULK. PART ELECTRIC WELDED

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

1st Bower <sup>INCL. PINS.</sup> 49-3-21 : J.H.J. : 9116 : 25-7-47 ✓  
2nd „ 49-2-22 : J.H.J. : 9126 : 30-7-47 ✓  
3rd „ 45-1-7 : J.H.J. : 9045 : 4-7-47. ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 97.3 ft., R.Q.D. \_\_\_\_\_ ft., Bridge 40 ft., Forecastle 49.8 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 L N M H. Extreme Breadth over Belting \_\_\_\_\_ Over-all Length 505.8 ✓  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 OK (SP4) ✓

Parts of Bottom of Vessel coated with cement or approved composition FORE & AFT PEAK TANKS. CEMENTED. ✓

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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		43 ✓
Double bottom, under Engines and Boilers,			After peak tank,		86. ✓
Double bottom, if under Engines only,	76.25 ✓	182.4 ✓	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	33.75 ✓	810. ✓
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. 3544

Date 21<sup>st</sup> June 1946

Dates of Surveys held while building

(1946) OCT. 14-16-21-23-24-31 NOV. 1-5-4-22 DEC. 4-24-30 (1947) JAN. 9-15-22-30 FEB. 3-14-19 MAR. 4-11-14-18-21-25-24-28 APR. 3-11-15-17-24-28 MAY 1-4-13-15-20-23-24 JUNE 5-9-19-23-25 JULY 3-16-22 AUG. 21-25-28 SEPT. 2-3-5-12-15-23-25-29 OCT. 1-2-7-9-10-13-15-20-22-24-29-30-31 NOV. 4-5-7-10-12-14-18-19-24 DEC. 5-9-11-17-19-29 (1948) JAN. 6-8-12-16-24-28 FEB. 4-5-9-11-17-24-25 MAR. 1-2-11-16-24-26-29-31 APR. 8-16-21-23-24-30 MAY 3-5-12-14-16-19-20-21-24-25-26-24 JUNE 1-2-3-4-7-10-11-14-15-16-17-18-21-25 JULY 14-22-28-31 AUG. 4-9-17-19-20-24-24 SEPT. 2-8-10-14-17-20-21

Total No. of Visits 161