

STEEL STEAMER OR MOTORSHIP

Received at London Office

State if Report has been sent on the Freeboard of the Vessel NOState if Report is sent on the Machinery of the Vessel YESDate of completion of report 15-3-46Port of GRONINGENNo. 162Survey held at HATTLINGENDate First Survey 11-1-46Last Survey 5-2-

1946

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

SINGLE SCREW STEEL MOTORVESSEL "DEMOCRAT" MACHINERY FITTED AFT

Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

FULL SCANTLINGState Type of Erections PROPTonnage under
Tonnage Deck ...162CLASS 100A1 COASTING
SERVICEState if with freeboard
as condition of ClassNOLength from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a) } L 110.73Breadth (greatest moulded) } B 22.67Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c) } D 0.531st Longitudinal Number (L x D) = 944.52nd Numeral L x (B + D) = 3454.7Framing Depth "d," at middle of length. See
Sec. 3 (1d) } 7.25Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel } 12.9Do. Long Bridge to
top of keel } -Draught Moulded } 7.38Built at HOOGSZANDLaunched Yard No. 196Builders G. J. V. D. WERFF SCHEEPSBOUWOwners J. DEKKERManagers
(Where necessary to be entered in Reg. Book)Residence DELFTZYLPort of Registry DELFTZYLIf surveyed while building, afloat, or in dry dock
BUILTBUILT, HELD AT AND ON SLIPWAY

REGISTERED DIMENSIONS.

FEET

110.7322.677.67

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP. H.H.	Any Departure from Approved Plans to be Noted.		IN SHIP. H.H.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships.....	<u>500</u> ✓		Bracket Floors, Frame		
" " from $\frac{1}{2}$ length amidships to Collision bulkhead.....	<u>500</u> ✓		" " Reversed Frame.....		
" " FORE in peaks.....	<u>300</u> ✓		" " Vertical Struts		
FRAMING.			Centre Girder, depth and thickness amidships		
Frame Amidships, Angle, <u>60</u>	<u>100 65 7</u> ✓		" " top Angles		
" " Extends up to.....	<u>MAIN DECK</u> ✓		" " bottom Angles.....		
Reversed Frame Amidships, Angle	<u>-</u>		Side Girders, No. each side and thickness.....		
" " Extends up to	<u>-</u>		Margin Plate depth (excl. of flange) and thickness		
Depth of Framing Girder.....	<u>-</u>		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem		
Frames in Uppermost Continuous 'tween Decks, Angle, <u>60</u> or <u>70</u>	<u>-</u>		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....		
" " Second 'tween Decks, Angle, <u>60</u> or <u>70</u>	<u>-</u>		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " Third	<u>-</u>		Tank Side Brackets, height above base line at toe of Frame and thickness		
from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	<u>100 65 7</u> ✓		INNER BOTTOM PLATING.		
in Peaks, Angle <u>60</u>	<u>100 65 7</u> ✓		Breadth and thickness of Middle Line Strake...		
Number and Spacing of Rivets through Frame and Shell Plating amid- ships	<u>5/8 7d</u> ✓		Thickness of remainder in Holds		
Is if Frame Joggled.....	<u>NO</u> ✓		Are Rule requirements complied with regard- ing increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?.....		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>NO</u> ✓		BEAMS.		
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?.....	<u>NO</u> ✓		Uppermost Continuous Deck, amidships in Wells, Angle, <u>60</u>	<u>100 70 7</u>	<u>100x65x6</u>
DOUBLE BOTTOM.			" " in way of Bridge, Angle, <u>60</u> or <u>70</u>	<u>-</u>	
Frames, Depth and thickness at mid-line in Holds.....	<u>390 x 9.8</u> <u>350 x 8 on plan</u>		Spacing	<u>500</u> ✓	
Height of Brackets at side above base line at toe of frame.....	<u>REVERSE ANGLES IN TURN</u> <u>OF BILGE</u> <u>60x60x6</u> ✓		Second Deck, amidships, Angle, <u>60</u> or <u>70</u>	<u>-</u>	
Idle Line Keelson, on Floors, Angles, <u>60</u> or <u>70</u>	<u>90 75 9</u> ✓		Spacing	<u>-</u>	
" " Through Plate or Inter- costal Plate	<u>7</u> ✓		Third Deck, amidships, Angle, <u>60</u> or <u>70</u>	<u>-</u>	
" " Foundation Plate on Floors	<u>-</u>		Spacing.....	<u>-</u>	
" " Flat Plate Keel Angles	<u>75 65 0</u> ✓		Fourth Deck, amidships, Angle, <u>60</u> or <u>70</u>	<u>-</u>	
Side Keelsons, No. each side.....	<u>ONE</u> ✓		Spacing.....	<u>-</u>	
" " thickness of Intercostal Plate.....	<u>6</u> ✓		Poop Deck, Angle, <u>60</u> or <u>70</u>	<u>75 65 0</u> ✓	
" " Angles	<u>90 75 9</u> ✓		Spacing.....	<u>500</u> ✓	
BRIDGE DECK.			Bridge Deck, Angle, <u>60</u> or <u>70</u>	<u>-</u>	
Solid Floors, thickness and spacing	<u>-</u>		Spacing.....	<u>-</u>	
" " Are Frame and Reversed Frame joggled?	<u>-</u>		Forecastle Deck, Angle, <u>60</u> or <u>70</u>	<u>100 65 7</u> ✓	
Bracket Floors, breadth and thickness at middle line	<u>-</u>		Spacing.....	<u>300</u> ✓	
" " breadth and thickness at margin plate.....	<u>-</u>				

PILLARS AND DECKS.

PILLARS AND DECKS.			INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		
" in 'tween Decks, Size and Spacing	ONE			
" " " " "	85 sec letter 12.4.46			
" in Holds " " "	DIAGRAM AT END OF HATCHWAYS			
" " " " "				
Centre Line Bulkhead.				
Stiffeners and Spacing				
Plating, thickness of				
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells	1300 x 8			
" " " " in way of Bridge				
" Angle in Wells	75 75 8			
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			
If Sheathed, material and thickness				
Second Deck.				
Stringer Plate, breadth and thickness in Wells				
Stringer Plate, breadth and thickness in way of Bridge				
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				
If Sheathed, material and thickness				
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				
Plating, Sheathing, material and thickness				
Bridge Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				
Forecastle Deck.				
Stringer Plate, breadth and thickness				
Plating, Sheathing, material and thickness				

SHELL PLATING.

[illegible]

WATERTIGHT BULKHEADS.

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

STIFFENERS.

	Plating Thickness.	VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks					
" " Second "					
" " Third "					
" " Holds					
" " (in Hold)					
COLLISION "					
AFTER PEAK "					

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any D from A Plans to
KEEL, Bar		FLAT PLATE		
STEM	ROLLED	12" x 38"	✓	
STERN FRAME {	Propeller Post	FORGED	40" x 70"	✓
	Rudder	"	130" x 70"	✓
Speed of Vessel				
RUDDER—Type		DOUBLE PLATE	✓	
" A × D.		95	✓	
" Diam. of head		90 x 85	✓	
" Mainpiece at top pintle		75 x 58	✓	
" hee!		forged frame	✓	
" how constructed		DOUBLE PLATE	✓	
" double or single plate		VERTICAL	✓	
" coupling, vertical or				
" horizontal				

STEEL.

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

MATERIAL USED IN THIS CONSTRUCTION IS *SIEMENS MARTIN STEEL WITH 9,47%*

AS STATED BY THE BUILDERS

Has the Steel been tested as required by the Rules? *NO*

EQUIPMENT No. 3515.20				LETTER b				ANCHORS.			
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
5810R	1st Bower	295 kg						0.500 kg	295 kg		LEIDEN 23-11-38
5209R	2nd "	295 kg						0.510 kg	295 kg		" 27-3-1930
	3rd "										
	Collective weight	590 kg						590 kg			
4813R	Stream	107 kg			21 kg			3715 kg	95 kg		LEIDEN 25-3-1940
65 Rule CHAIN CABLES. 4699 kg Rule See letter 9.8.46											

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.	Statur.	Break.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.
5800R	225	20 mm	10	10	1963 kg		225	20	Shank & KRM. GRAF SHEDERY	LEIDEN 26-3-39	G. NIEROP G. L. Swager	TOWLINE	100	2			
												HAWSERS & WARPS	100	1 1/2			
													65	10.2			
Iron Stream Chain or Steel Wire	135	57															

Steering Gear, Type (Power or hand) HAND GEAR (RIGHT AND LEFT HAND) Alternative Means of Steering TACKLES & BLOCKS.
SCREW & NUT TYPE ✓

Steering Chains (Size and Test) V Windlass HAND AND MOTOR Boats ONE
DRIVEN

Ceiling in Holds, thickness and material PINE 50MM Cargo Battens, thickness, material and spacing NOT FITTED

Cargo Hatchways.—(Upper Deck) STEEL PLATE 2 ANGLE Thickness of Hatches 65 mm

Size of Hatchways No. 1 (Fwd.) 4.24.4 No. 2 9.24.4 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams ONE IN N°1, and 4 IN N°2 HATCHWAY
and/or Fore and Afters THREE ✓

Builder's Signature _____

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 MOTOR VESSEL
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo NO ✓ 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).

THE VESSEL HAS BEEN PLACED ON SLIPWAY, BOTTOM AND RUDDER EXAMINED.
HOLD, ENGINE ROOM AND PEAKS PROPERLY CLEARED & CLEANED, RIVETING OF
SHELL PLATING, BOTTOM AND DECKS THOROUGHLY EXAMINED, FRAMES, FLOOR PLATES
KEELSONS, ENGINE SEATINGS, BERTHS AND BEAMKNEES, DECKS WTBULKHEADS.
SHELL PLATING MADE FREE FROM OXIDATION, EXAMINED, DRILLED HOLES IN PLATING
REMOVED A NUMBER OF RIVETS, FOUND SCANTLING IN ACCORDANCE WITH THE
APPROVED PLANS, AND WORKMANSHIP SATISFACTORY, BOTTOM PLATING INSIDE
WITH FLOORS, RECOATED WITH OIL, ARRANGEMENTS INWAY OF FORE
BODY OF THE SHIP FOUND SATISFACTORY, FORE AND AFT PEAK TANKS HAVE BEEN
TESTED UNDER PRESSURE AS REQUIRED BY THE RULES, FOUND SOUND &
TIGHT. FREEBOARD MARKS VERIFIED AND CUT IN IN VESSELS SIDE. ✓

The amount of Entry Fee..... £ : : Fees applied for, (Special notations, where part of class, to be stated.)
Special Survey Fee..... £ 304.- Received by me, I am of opinion the Vessel should be Classed 100A1
Travelling Expenses, if any £ : : 19 "COASTING SERVICE"

State whether the Vessel has been built under Special Survey _____ Signature X H. Schmitz
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to GRONINGEN SURVEYORS Date of issue 27

Committee's Minute FRI. 17 MAY 1946
Character assigned 100A1
For Service in the Mediterranean
Black Sea Red Sea & European
& North West African Coasting Services
including the Azores
2.46 years
Write (X) (one) (Classification contemplated)
Cargo battens
not fitted
Examined 2.46 52.46

Lloyd's Register Foundation

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.)

PROFILE, MIDSHIP SECTION, DECKS } APPROVED IN ROTTERDAM OFFICE
RUDDER & STERNFRAME } LETTER 10-1-1946

PARTICULARS OF ELECTRIC WELDING (if employed)

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book. VESSEL TO BE CLASSED 100 A1 COASTING SERVICE WITH THE TRADING LIMITS: FOR SERVICE IN THE MEDITERRANEAN, BLACK SEA, RED SEA AND EUROPEAN AND NORTH WEST AFRICAN COASTING SERVICES INCLUDING THE AZORES, CANNARY- AND CAPE VERDE ISLES.

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

1st Bower

2nd

3rd

not filled

See Letter 9.8.46

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 22.0 ft., R.Q.D. 27.6 ft., Bridge 7.8 ft., Forecastle — 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 P.D.D.L Extreme Breadth over Belting 23.2' Over-all Length 120' (Circ. 1611) (Circ. 1703)

No. and Material of Decks ONE STEEL DECK

Parts of Bottom of Vessel coated with cement or approved composition COATED WITH OIL

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,	For F.W. only	25 S.W.
Double bottom, if under Engines only,			Deep tank, aft,		4 F.W.
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (in continuous) and Capacity.			(If necessary furnish further information by sketch.)		

Order for Special Survey No. 13
REQUEST FOR SPEC. SURVEY ATTACHED
HERE WITH

Dates of Surveys held while building

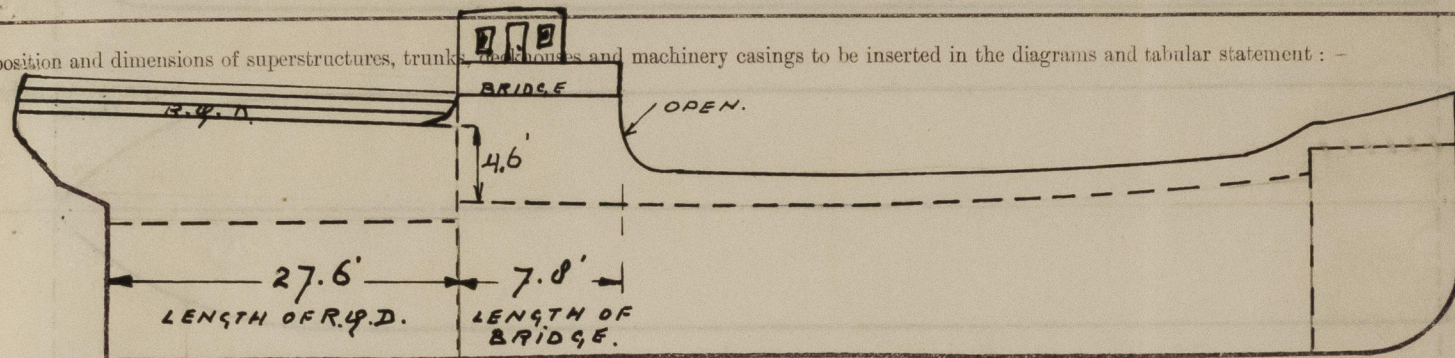
Special General Committee Thursday 19th December 1946
Classing Committee decision confirmed



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Total No. of Visits 3

Disposition and dimensions of superstructures, trunks, masts, funnels and machinery casings to be inserted in the diagrams and tabular statement : -



M.V. "DEMOCRAT"

