

STEEL STEAMER or MOTORSHIP.

Received at London Office

JAN 1948

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

19TH DECEMBER 1947.Port of SOUTHAMPTON.No. 19254

Survey held at

SOUTHAMPTON.

Date First Survey

12TH MARCH 1946

Last Survey

14TH DEC 1947.

19

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

T.55 EL MALEK FOAD.

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

FULL SCANTLING.State Type of Erections POOR, BRIDGE, FOCLE
(OPEN) (OPEN)TONNAGE under
Tonnage Deck...2825.51CLASS +100A1 WITH FREEBOARD State if with freeboard as condition of Class YES.

FEET.

Do. of space or spaces
between Tonnage Dk.
and Upper Dk.FOCLE 15.38804.75

Total

920.13

Gross Tonnage

3745.64

Register Tonnage

2009 ⁹⁶/₁₀₀REGISTERED DIMENSIONS.
FEET.

Length

342.7

Breadth

50.25

Depth

25.9Length from fore part of stem to after part of stern
post on summer L.W.L. See Sec. 3 (1a)

L

345.33

Breadth (greatest moulded)

B

50Depth, at middle of length from top of keel to top
of beam at side of uppermost continuous
deck. See Sec. 3 (1c)

D

27-11³/₄

1st Longitudinal Number (L x D)

=

9655.9436

2nd Numeral L x (B + D)

=

26910.286Framing Depth "d," at middle of length. See
Sec. 3 (1d)

8.83

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

12.04

Do. Long Bridge to top
of keelDraught Moulded TO FREEBOARD DECK20'-6¹/₈"Built at WOOLSTON, SOUTHAMPTON.Launched JUNE 19TH 1947Yard No. 4108Builders MESSRS J. I. THORNYCROFT & CO. LTD.Owners KHEDIVIAL MAIL LINE, S.A.E.Managers KHEDIVIAL MAIL LINE, S.A.E.

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

Residence RUE MOUTOUCHE PASHA,
MARINA, ALEXANDRIA, EGYPTPort of Registry ALEXANDRIA, EGYPT.

If surveyed while building, afloat, or in dry dock

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	27" ✓		Bracket Floors, Frame		
" " from 1/2 length to Collision bulkhead	27" ✓		" " Reversed Frame		
" " in peaks	24" ✓		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	38" x 48" ✓	see letter 27-2-48. 58 in B.R.
Frame Amidships, Angle, [or [	9" x 3 1/2" x 36 ER. ✓		" " top Angles	3 1/2" x 3 1/2" x 52 BR ✓	
" " Extends up to	9" x 3 1/2" x 42 BR ✓		" " bottom Angles	3" x 3" x 42 ✓	
" " " "	7" x 3 1/2" x 40 ✓		Side Girders, No. each side and thickness	4" x 4" x 48 ✓	
Reversed Frame Amidships, Angle	UPPER DECK ✓		Margin Plate depth (excl. of flange) and thickness	1. ✓ 46 x 34 ✓	
" " Extends up to			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	29" x 48 x 40 ✓	58 BR see plan
Depth of Framing Girder			" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3 1/2" x 3 1/2" x 38 ✓	
Frames in Uppermost Continuous 'tween Decks, Angle, [or [			" " Gussets, spacing and scantling abaft 1/2 len. from stem	EVERY 320 ✓	36" see letter 27-2-48.
" " Second 'tween Decks, Angle, [or [			" " Gussets, spacing and scantling forward 1/2 len. from stem	58" x 38 ✓	
" " Third " " " "			Tank Side Brackets, height above base line at toe of Frame and thickness	60" x 46" x 40" ✓	
Framing in Peaks, Angle or [	7" x 3 1/2" x 32 B.A. ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8" x 7 DIAS. ✓		Breadth and thickness of Middle Line Strake	44" x 40" ✓	
State if Frame Joggled	YES. ✓		Thickness of remainder in Holds	44" x 40" ✓	
ANTING ARRANGEMENTS (Sec. 7), state system and particulars	38 STRINGER PLATE FACE ANGLE 5 1/2" x 3 1/2" x 40. 5 1/2" HOR ✓		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. ✓	
STRENGTHENING OF BOTTOM FOR- WARD. State Particulars	SHELL LUGS 3 1/2" x 3 1/2" x 36 ✓		BEAMS.		
	FRAME LUGS 3 1/2" x 3 1/2" x 36 ✓		Uppermost Continuous Deck, amidships	7" x 3" x 49 BA ✓	
	D.B. FRAMES 5' x 5" x 36 ✓		" " in Wells, Angle, [or [	7" x 3" x 46 BA ✓	
	BOTTOM PLATING 58 ✓		" " in way of Bridge, Angle, [or [	27" ✓	
INGLE BOTTOM.			Spacing	7" x 3" x 46 BA ✓	
Floors, Depth and thickness at mid-line in Holds			Second Deck, amidships, Angle, [or [	27" ✓	
Height of Brackets at side above base line at toe of frame			Spacing	10" x 3 1/2" x 46 BA ✓	
Middle Line Keelson, on Floors, Angles, [or [			Third Deck, amidships, Angle, [or [	8" x 3" x 38 BA ✓	
" " Through Plate or Intercostal Plate			Spacing	27" ✓	
" " Foundation Plate on Floors			Fourth Deck, amidships, Angle, [or [
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side			Poop Deck, Angle, [or [	OPEN	
" " thickness of Intercostal Plate			Spacing	24" x 27" ✓	
" " Angles			Bridge Deck, Angle, [or [	OPEN	
DOUBLE BOTTOM.			Spacing	27" ✓	
Solid Floors, thickness and spacing	36 27" ✓		Forecastle Deck, Angle, [or [	7" x 3" x 38 BA ✓	
" " Are Frame and Reversed Frame joggled?	FRAMES YES ✓		Spacing	24" x 27" ✓	
Bracket Floors, breadth and thickness at middle line	REV. " NO. ✓				
" " breadth and thickness at margin plate					

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.....		2. ROWS. ✓		Stringer Plate, breadth and thickness in way of Bridge	45" x .36 ✓		
" in 'tween Decks, Size and Spacing.....		3" O.D. x 5/16" ✓	new plan	Thickness of Plating abreast Deck openings in way of Wells .....	.32 ✓		
" " " " " ON ALTERNATE BEAMS				Thickness of Plating abreast Deck openings in way of Bridge .....	.32 ✓		
" " " " " " "				Thickness of Plating within line of openings...	.32 ✓		
" in Holds " " " "		6 1/2" O.D. x .40 ✓		If Sheathed, material and thickness	COMPOSITION ✓		
" " " " " " "		To 11" x .54 ✓		Third Deck.			
Centre Line Bulkhead.				Stringer Plate, breadth and thickness.....	FOR: .34 ✓ AFT: .40 ✓		36 app
Stiffeners and Spacing.....				If Plated, state thickness.....	FOR: .30 ✓ AFT: .30 ✓		
Plating, thickness of				Fourth Deck.			
STRINGERS AND DECKS.				Stringer Plate, breadth and thickness.....			
Uppermost Continuous Deck.				If Plated, state thickness			
Stringer Plate, breadth and thickness in Wells		60" x .42 ✓		Poop Deck. (OPEN)			
" " " " " in way of Bridge		60" x .42 ✓		Stringer Plate, breadth and thickness	48" x .30 ✓		
" " " " " Angle in Wells		5' x 5' x .42 ✓		Plating, Sheathing, material and thickness ...	.26 ✓		
Thickness of Plating abreast Deck openings in way of Wells .....		.38 ✓		Bridge Deck.	2 1/2" PINE ✓	WHERE EXPOSED	
Thickness of Plating abreast Deck openings in way of Bridge .....		.38 ✓		Stringer Plate, breadth and thickness.....	54" x .30 ✓		
Thickness of Plating within line of openings...		.36 ✓		Plating, Sheathing, material and thickness ...	.28 ✓		
If Sheathed, material and thickness		WHERE EXPOSED 2 1/2" PINE ✓ COMPOSITION ELSEWHERE		Forecastle Deck.	2 1/2" PINE ✓	WHERE EXPOSED	
Second Deck.				Stringer Plate, breadth and thickness.....	48" x .30 ✓		
Stringer Plate, breadth and thickness in Wells...		45" x .36 ✓		Plating, Sheathing, material and thickness ...	.26 ✓ 2 1/2" PINE ✓		

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	RIVETS.		No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.			Single or Double.	Diam.		Spacing cr. to cr.	Diam.		Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.				Inches.		Inches.			Inches.	Inches.
FLAT PLATE KEEL .....	.58"	.64	.60	.60	No.	DOUBLE	7/8"	3 9/32	TREBLE	7/8"	2 7/8	STRAPPED
" DBLG. (if any)		No.											
BOTTOM PLATING, No. } of Strakes	3	.52	.57	.44	No.	DOUBLE	7/8"	3 3/8	TREBLE	7/8"	3 1/2	LAPPED	
BILGE PLATING, No. of } Strakes	2	.52	.44	.44	No.	"	"	"	"	"	"	"	
SIDE PLATING, No. of } Strakes	3	.52	.42	.42	No.	"	"	"	"	"	"	"	
UPPER DECK, Sheer- } strake in Wells.....	49"	.76	.48	.52	No.	"	"	"	"	"	"	"	
UPPER DECK, Sheer- } strake in Bridge ...	49"	.76	.48	.48	XO	"	"	"	"	"	"	"	
STRAKE BELOW Sheer- } strake in Wells.....	49"	.64	.42	.42		"	"	"	"	"	"	"	
STRAKE BELOW Sheer- } strake in Bridge ...		.64										
POOP SIDE PLATING													
BRIDGE SIDE PLATING ...													
FOREC'TLE SIDE PLATING			.40		No.	SINGLE	3/4"	3	SINGLE	3/4"	3	LAPPED	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel— 1	
Extending to Upper Deck (Sec. 3 c)	⑦ 5 } see letter ① 2 } 27-2-48.
„ Deck next below	⑥ 5 approved by the Marine see documents.
As per Rule	

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks					
„ „ Second „	28	26	5 1/2" x 3" x 34	30" ✓	
„ „ Third „					
„ „ Holds	44	30	6" x 3 1/2" x 40 A INVERTED	30" ✓	
COLLISION „ (in Hold)	44	30	7" x 3" x 38 BA	(30")	24" ✓
AFTER PEAK „ „	44	30	6" x 3 1/2" x 40 A I	24" ✓	

FORGINGS and CASTINGS.

	Casting or Forging.	Scrapings.	Maker's Name.	Any departure from approved plan to be noted.
KEEL, Bar	PLATE KEEL. ✓			
STEM	CAST. 9" X SECTION DARLINGTON FORGE.			
STERN FRAME {				
Propeller Post				
Rudder ..	FORGING 10" X 3 1/2" DARLINGTON FORGE			
RUDDER—A X D	83 #			
Speed of Vessel	18 KNOTS SERVICE ✓			
RUDDER mainpiece at head ...	8 1/2" ✓	8 1/2" ✓	DARLINGTON FORGE	
" " heel ...	10	10" X 8 1/2" ✓		
" how constructed	ARMS CAST WITH MAIN PIECES.			
DOUBLE	42 PLATES. ✓			
HORIZONTAL	15-9" X 1'-7" X 6 BOLTS 2 1/2" DIA			

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) SIEMEN MARTIN OPEN HEARTH SYSTEM
APPLEBY FRODINGHAM STEEL CO. COLVILLES. & SKINNING GROVE IRON CO.
Has the Steel been tested as required by the Rules? YES.

EQUIPMENT No. 28033													LETTER W.		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.	Cwts.					
2720	1st Bower ...	53	0	21				44	7	2	0	52 1/2	BYERS TYPE (CAST STEEL HEAD)	SAM TAYLOR	NETHERTON 12/6/47	J. A. RELF	
2722	2nd „ ...	53	3	0				44	12	2	0	52 1/2	“	& SONS	“	“	
2721	3rd „ ...	44	3	0				39	1	3	14	44 1/2	“	“	“	“	
	Collective weight.	151	2	21								149 1/2					
38	Stream	14	0	14	4	0	0	16	12	0	21	14 EX STOCK	RODGERS	“	“ 23/6/47	“	

CHAIN CABLES.												HAWSERS AND WARPS.							
er of cate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and Size per Table 53.		Descrip- tion.	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.					Cir.	Length.		Cir.	
					Tons.	Cwts. qrs. lbs.													Cwts.	Fathoms.	Ins.	Fathoms.	Ins.
B1	210 3/8	1 13/16	82 1/4	115 1/2	487.3.0		573.3.0		270	2 1/16	TAYCO	SAM. TAYLOR & SONS	NETHERTON 12/6/47	TOWLINE...	120	4 1/2	43.3	120	4 1/2
													J. A. RELF	HAWSERS & WARPS	4090	2 1/2	17.7	490	2 1/2
eam or Wire	90	4 1/2		58.6	see letter 27-2-48.				90	4 1/2			MARK G. LPH - N					see letter 27-2-48.	
													7581 82-16-0-0						
													M.T 115-18-0-0						

ering Gear, Steam HYDRO ELECTRIC.	Steering Gear, Hand COMBINED GEAR HANDWHEEL & WORM.
3 @ ROWING 28'-0"	
1 @ POWER 28'-0"	Steering Chains, Size and Test
	Windlass ELECTRIC (EMERSON WALKER)
ing in Holds, thickness and material 2 1/2" SPRUCE IN WAY OF HATCHES	Cargo Battens, thickness, material and spacing 6"x2" SPRUCE ON O.T. BHDS ONLY
o Hatchways.-(Upper Deck) 24" x .44 COAMINGS	Thickness of Hatches 2 1/2"
of No. 1 Hatchway (Forward) 15'-9"x11'-0" No. 2 24'-9"x17'-0" No. 3 15'-9"x14'-0" No. 4	No. 5
umber of Shifting Beams and/or Fore and Afters No. 1 HATCH 3 BEAMS No. 2 HATCH 4 BEAMS No. 3 HATCH 3 BEAMS	SLIDING HATCH BEAMS. (T.B. PATENTS) LTD
	JOHN I. THORNYCROFT & Co., LIMITED.
	Builder's Signature J. Donaldson
	Joint Managing Director.

GENERAL DECLARATION	THIS VESSEL HAS BEEN BUILT IN CONFORMITY WITH THE SOCIETY'S RULES & REGULATIONS AND THE SECRETARY'S LETTERS. THE SCANTLINGS & ARRANGEMENTS ARE IN ACCORDANCE WITH OR EQUIVALENT TO THOSE SHEWN ON APPROVED PLANS.	THE MATERIAL & WORKMANSHIP ARE GOOD.	THE WEATHER DECKS, WATERTIGHT BULK HEADS, HATCH & WATERTIGHT DOORS HAVE BEEN HOSE TESTED AND FOUND SATISFACTORY.	ALL DOUBLE BOTTOM TANKS, DEEP TANKS OIL FUEL BUNKERS, FORE & AFTER PEAK TANKS HAVE BEEN TESTED AS REQUIRED BY THE RULES AND FOUND SATISFACTORY.
APPEAL	ASSIGNED FREEBOARDS HAVE BEEN MARKED ON THE VESSEL'S SIDES, VERIFIED AND 'CUT IN.'			
"	THE REQUIREMENTS OF SECTION 20 OF THE RULES FOR STEEL SHIPS WHERE APPLICABLE FOR THE CARRIAGE OF OIL FUEL HAVING A FLASH POINT ABOVE 150°F. HAVE BEEN CARRIED OUT.			
"	WINDLASS AND STEERING GEAR HAVE BEEN TRIED AND FOUND SATISFACTORY.			
"	THE VESSEL PLACED IN DRY DOCK & THE BOTTOM AND RUDDER CLEANED, EXAMINED AND RECOATED.			
"	FORGING AND CASTING REPORTS AND APPROVED PLANS FORWARDED HERE WITH.			
"				
"				

LAPPEL	The amount of Entry Fee £	:	:	Fees applied for, 6/11/1948	
	Special Survey Fee.... £ 336	:	0	Received by me,	I am of opinion the Vessel should be Classed 100A1 WITH FREE BOARD.
	Travelling Expenses, if any £	:	:	19	

	State whether the Vessel has been built under Special Survey	Y/N.		Signature	Edmund
FORGE	Certificate to be sent to J. Thorneycroft & Co. Ltd. via Southampton office	Date of issue 20/2/48			Surveyor to Lloyd's Register of Shipping.

FORGE	Committee's Minute	PRI. 20 FEB 1948			
	Character assigned				
N FORGE		+100A1 "with freeboard"			
ES.		12.47 Son.	Fitted for oil fuel 12.47 F.P. above 150°F		
		Lloyds A+C.P.			
2 1/2" DIA.		+LMC 12.47.	"Cargo battens not fitted"		
		F.D. O.G.			
		2 WTB. 300 lb Sph.			
		D.B. 50 lb			
		White Sox (h+m)			
		Note for S.R.L.			

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.)

PARTICULARS OF WELDING:-

UPPER DECK STRINGER PLATES WELDED TO SHELL IN WAY OF FO'C'LE ONLY.
MAIN DECK STRINGER PLATES WELDED TO SHELL ALL FORE & AFT.
LOWER DECK STRINGER PLATES WELDED TO SHELL.
BULKHEAD 16 PLATING & STIFFENERS WELDED UP TO MAIN DECK.
BULKHEADS 25, 29, 25-29, 36, 48, 36-48, 75, 91. PLATING & STIFFENERS WELDED UP TO LOWER DECK.
BULKHEADS 75-91, 80, 84 ALL WELDED.
OIL FUEL TANKS P&S 69-75 ALL WELDED.
DOUBLE BOTTOM WITH EXCEPTION OF CENTRE STRAKE ALL PLATE BUTTS WELDED.
TANK MARGIN PLATE WELDED TO TANK TOP & TO SHELL.

THE FOLLOWING PLANS ARE ENCLOSED.

CONSTRUCTIONAL SECTIONS (1) AS FITTED (2) ORIGINAL APPROVAL
PROFILE & DECKS (1) AS FITTED (2) ORIGINAL APPROVAL.
STEM. STERN FRAME. RUDDER (HYDROGAP) STERN TUBE & BOSSING. BOSS END CASTING
DOUBLE BOTTOM (2 PLANS) OIL FUEL BUNKERS.
FRAMING & DETAILS (3 PLANS) FLAT PLATE KEEL & C.G.
FRAMING EXPANSION. BULK HEADS. LOWER DECK. MAIN DECK. CARGO HATCHES.
MAIN ENGINE SEATS. (2 PLANS) VENTILATORS & DETAILS. MASTS. FORGED STEEL TILLER.

SOUNDY MILL SHEETS.

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

1st Bower	29-0-6	W.H.H.	Nº 5842	24-7-36	MONT SUR MARCHIENNE ANTWERP
2nd "	28-3-1	G.A.B.	Nº 30028	5-5-38	" " " "
3rd "	24-3-8	W.H.H.	Nº 5708	8-6-36	" " " "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge — ft., Forecastle 65-6 OVERHANG 7.

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

MARCONI ECHO SOUNDING, GYRO COMPASS. DIRECTION FINDER. Overall length 357.8' see letter 27-2-18.

No. and Material of Decks (this information is to be given as it should appear in the Register Book) (UPPER & MAIN) STEEL.
2 Dks, 3rd dk fwd of main space

EGYPT Official No. 101; Signal Letters S. U. D. J. Is bottom of Vessel coated with cement IN PEAKS if not
particulars of composition CEMENT WASHED IN D.B. WHERE FW. BITUMINOUS SOLUTION IN BILGES.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water
Double bottom, aft,			Fore peak tank,	20'-6"	
Double bottom, under Engines and Boilers,	49.5		After peak tank,	40'-0"	
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	150.75		Deep tank, forward, tanks in way of tunnels		
Double bottom, forward,	60'-9"	50.7	Other tanks, if fitted, see letter 27-2-18.		
	200.25		(If necessary, furnish further information by sketch.)		

*The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date

Dates of Surveys held while building

1946. MAR. 12.14.19.21.26.28. APR. 4.9.11.18.24.30 MAY 2.20.27.31 JUNE 4.5.6.13.20.24. JULY 1.8.10.15.22. AUG 1.14.21.28. SEPT. 12.16.24.27.30. OCT 2.7.9.11.18.22.25.29. NOV. 1.4.7.13.25.28.29. DEC. 4.6.9.10.17.13.17.20.21. 1947. JAN. 15.16.20.21.22.24.31. FEB. 11.14.17.18.20.25.26. MAR. 6.10.11.14.17.25.28. APR. 10.14.16.18.21. MAY 5.15.19.29. JUNE 3.9.10.11.12.13.19.22.23.24. JULY 21.23. AUG 13.21.25.28 SEPT 2.5.8.10. OCT. 1.6.7.9.21.24.29 NOV 3.11.17.27.28. DEC. 2.4.10.14. Total No. of Visits