

DISCLOSED

SECTION 592



90280

STEEL STEAMER OR MOTORSHIP.

Received at London Office 13 JUN 1955

State if Report has been sent on the Freeboard of the Vessel.

State if Report is sent on the Machinery of the Vessel. *Yes* (F.E. *Yes*)Date of completion of report *4th June 1955*Port of *Marseilles*No. *18834*Survey held at *Marseilles*Date First Survey *22nd July 1953*Last Survey *9th April 1955*

1955

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *single screw tanker Iphigenia*

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

full scantling (draught of approximately 29'-7")

State Type of Erections

Poop, Bridge, Forecastle

TONNAGE under Tonnage Deck ...

*12596.99*CLASS *± 100 A1**carrying petroleum in bulk*

State if with freeboard as condition of Class

FEET

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

Total

12596.99

Gross Tonnage

12832.69

Register Tonnage

7206.56

REGISTERED DIMENSIONS.

FEET

*537.7**69.4**39.0*

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

530.0

Breadth (greatest moulded)

69.25

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

39.0

1st Longitudinal Number (L x D)

20670

2nd Numeral L x (B + D)

59181

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

39.0

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

13.59

Do. Long Bridge to top of keel

Draught Moulded

*29'-7"*Built at *La Ciotat, France*Launched *22nd May 1954* Yard No. *175*Builders *Chantiers Navals de la Ciotat*Owners *Societe Maritime Shell*

Managers

(Where necessary to be entered in 24g, Book)

Residence *42 rue Washington, Paris 8^e, France*Port of Registry *La Seyne, France*

If surveyed while building, afloat, or in dry dock

*Building, afloat and in drydock, launched 22nd May 1954.**undocked, 3/55.*

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.
Spacing amidships	<i>30-24</i>	✓	Bracket Floors, Frame	✓	
in fore hold			Reversed Frame	✓	
from length amidships to Collision bulkhead	<i>27</i>	✓	Vertical Struts	✓	
in peaks	<i>24</i>	✓	Centre Girder, depth and thickness amidships	<i>72 x 57</i>	✓
FRAMING.			top Angles	<i>EW. to T.T.</i>	✓
Amidships, Angle <i>E or F</i> <i>9.84 x .47</i>	<i>9.84 x .47</i>	✓	bottom Angles	<i>EW. to Shell.</i>	✓
Extends up to	<i>upper deck</i>	✓	Side Girders, No. each side and thickness	<i>3 as app'd.</i>	✓
Frame Amidships, Angle	✓		Margin Plate depth (excl. of flange) and thickness	<i>T.T. level</i>	✓
Extends up to	✓		Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	<i>to shell.</i>	✓
of Framing Girder	<i>as frame.</i>	✓	Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
in Uppermost Continuous 'tween Decks, Angle, <i>E or F</i>	✓		Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
Second 'tween Decks, Angle, <i>E or F</i>	✓		Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
Third			Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
in fore hold	<i>11.81 x .47</i>	✓	INNER BOTTOM PLATING, in machy. space		
from 1/2 len. fore to 1/2 len. from Stem in fore hold	<i>11.81 x .47</i>	✓	Breadth and thickness of Middle Line Strake	<i>57 as app'd.</i>	✓
in Peaks, Angle <i>E or F</i> <i>9.84 x .47</i>	<i>9.84 x .47</i>	✓	Thickness of remainder in Holds	✓	
Frame and Spacing of Rivets through Frame and Shell Plating amidships	<i>EW. double cont.</i>	✓	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?	<i>as app'd.</i>	✓
Frame Joggled	<i>no.</i>	✓	BEAMS. Longitudinal beams (see page no. 5).		
scantlings and arrangements in the Ag Area in accordance with the Rules as approved?	<i>as app'd.</i>	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>E or F</i>	✓	
scantlings and arrangements in way of Bottom Forward in accordance with Rules and/or as approved?	<i>as app'd.</i>	✓	in way of Bridge, Angle, <i>E or F</i>	✓	
BOTTOM. In O.F. bunkers	<i>as app'd.</i>	✓	Spacing	✓	
Depth and thickness at mid-line in Holds	<i>as app'd.</i>	✓	Second Deck, amidships, Angle, <i>E or F</i>	✓	
Height of Brackets at side above base line at toe of frame	<i>as app'd.</i>	✓	Spacing	✓	
Line Keelson, on Floors, Angles, <i>E or F</i>	✓		Third Deck, amidships, Angle, <i>E or F</i>	✓	
Through Plate or Inter-costal Plate	✓		Spacing	✓	
Foundation Plate on Floors	✓		Fourth Deck, amidships, Angle, <i>E or F</i>	✓	
Flat Plate Keel Angles	✓		Spacing	✓	
Keelsons, No. each side	✓		Poop Deck, Angle, <i>E or F</i> <i>9.84 x .39</i>	<i>9.84 x .39</i>	✓
thickness of Intercoastal Plate	✓		Spacing	<i>as app'd.</i>	✓
Angles	✓		Bridge Deck, Angle, <i>E or F</i> <i>7.87 x .47</i>	<i>7.87 x .47</i>	✓
BOTTOM. in machy. space			Spacing	<i>30-24</i>	✓
Floors, thickness and spacing	<i>30-24 spacing, .45 EW</i>	✓	Forecastle Deck, Angle, <i>E or F</i> <i>7.87 x .47</i>	<i>7.87 x .47</i>	✓
Are Frame and Reversed Frame joggled?	<i>const.</i>	✓	Spacing	<i>27</i>	✓
Bracket Floors, breadth and thickness at middle line	✓		Spacing	<i>24</i>	✓
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		two long l.		Stringer Plate, breadth and thickness in way of Bridge	✓
" in three Decks Size and Spacing		ltds. thro't		Thickness of Plating abreast Deck openings in way of Wells	✓
" " " " "		cargo tanks.		Thickness of Plating abreast Deck openings in way of Bridge.....	✓
" in Hold " " " "		16'0" from 4		Thickness of Plating within line of openings...	✓
" " " " "		P.S.		If Sheathed, material and thickness.....	✓
Centre Line Bulkhead. Stiffeners and Spacing <i>vertical</i> B.P.		9-84 x 47 at 30-23 ✓		Third Deck. Stringer Plate, breadth and thickness.....	✓
Plating, thickness of53 + .47 ✓		If Plated, state thickness	✓
STRINGERS AND DECKS. Uppermost Continuous Deck. Stringer Plate, breadth and thickness in Wells		<i>Breadths as app'd.</i> .91		Fourth Deck. Stringer Plate, breadth and thickness.....	✓
P403 requirements " " " " in way of Bridge		XFE. 1-24 ✓ XAE. 1-20 ✓ XPOOF. 1-14 ✓		If Plated, state thickness.....	✓
" Angle in Wells <i>riveted.</i>		7-87 x 7-87 x 98 ✓		Poop Deck. Stringer Plate, breadth and thickness34 ✓
Thickness of Plating abreast Deck openings in way of Wells91 to .67 ✓		Plating, Sheathing, material and thickness34 ✓
Thickness of Plating abreast Deck openings in way of Bridge.....		.91 ✓		Bridge Deck. Stringer Plate, breadth and thickness34 ✓
Thickness of Plating within line of openings...		✓		Plating, Sheathing, material and thickness34 ✓
If Sheathed, material and thickness.....		<i>not sheathed</i> ✓		Forecastle Deck. Stringer Plate, breadth and thickness34 ✓
Second Deck. Stringer Plate, breadth and thickness in Wells		✓		Plating, Sheathing, material and thickness...	.34 ✓

SHELL PLATING.

SCANTLINGS.					RIVETING. + <i>Welding</i>						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No.</i>		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		NO. OF ROWS OF RIVETS.	RIVETS.	
	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.....	<i>58</i>	<i>1.08</i>	<i>1.08</i>	<i>1.08</i>	<i>Note. P. 403 steel except at extreme ends.</i>						
<i>trans flat. for way of trans. bds.</i>	<i>91.4</i>	<i>1.08</i>	<i>1.08</i>	<i>1.08</i>	<i>Note. P. 403 steel.</i>						
" <i>Bldg. (if any)</i>											
Bottom Plating, No. of Strakes.....	<i>85</i>	<i>85</i>	<i>55</i>	<i>57</i>	<i>at stern frame</i>						
Bilge Plating, No. of Strakes.....	<i>85</i>	<i>85</i>	<i>55</i>	<i>57</i>	<i>at stern frame</i>						
Side Plating, No. of Strakes.....	<i>71</i>	<i>71</i>	<i>53</i>	<i>51</i>	<i>at stern frame</i>						
Upper Deck, Sheer-strake in Wells.....	<i>98</i>	<i>98</i>	<i>55</i>	<i>51</i>	<i>P 403 steel.</i>						
Upper Deck, Sheer-strake in Bridge ...	<i>70.5</i>	<i>98</i>	<i>55</i>	<i>51</i>	<i>See shell expansion</i>						
Strake below Sheer-strake in Wells.....	<i>71</i>	<i>71</i>	<i>53</i>	<i>51</i>	<i>for ends</i>						
Strake below Sheer-strake in Bridge ...	<i>71</i>	<i>71</i>	<i>53</i>	<i>51</i>	<i>thickness</i>						
Poop Side Plating.....			<i>45</i>								
Bridge Side Plating.....											
Forecastle Side Plating			<i>45</i>								

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—
Extending to Upper Deck (Sec. 3 c) 16 ✓
" Deck next below ✓
As per Rule as approved. ✓

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.
KEEL, Bar		flat plate.	
STEM	Round bar 5" dia.	plating.	
STERN FRAME	Propeller Post Rudder Kingpost	fabricated at shipyard with skag piece	
Speed of Vessel		15.25 knots	
RUDDER—Type		semi-balanced	
" A x D.		597	
" Diam. of head	stock	12 7/8	
" Mainpiece at top pintle		13 1/2	
" " heel		13 1/4	
" how constructed		fabricated, welded	
" double or single plate		double	
" coupling, vertical or horizontal		hor. 6-3 3/4 bolts	

		STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
		B.P.		U.S.R.	34"x.43"
MIDSHIP BULKH'D,	<i>wing tanks</i> Upper two decks <i>Centre tanks.</i>	51'-4-49	9.84"x.47"	31"	U.S.R. 34"x.43" L.S.R. 37"x.43"
" "	<i>Second</i> S/L. vert. web.	53'-4-49	9.84"x.47"	32"	U.S.R. do. L.S.R. 36"x.43"
" "	<i>Third</i>	60'-x.47	and as appd.		and as appd.
" "	<i>Holds</i>	78' x 39' x .47	WELDED T.T.P.		
COLLISION	(in Hold) ft. 20.4	53'-30	5'-9" x 3'-5" x .43" 4'-7" x 3'-2" x .39"	24'-x.232"	3 str. etc.
AFTER PEAK	ft. 10.	49'-30	8' x 4' x .47 4'-7" x 3'-2" x .39" 4'-3'-2" x .35"	WELDED T.T.P. BOILER FLAT STRINGER. 24'	

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open heart*
Soc. des Ac. de Dilling à Dillingen (Sarre); Soc. des Forgers et Ateliers du Creusot le Creusot; Soc. des Ac. de Longwy; Un-
STEEL. *-ique Lorraine, Ludecor, De Wendel & Cie Hayange, Neuve; Arbed, Hertenbachs Busbach.*
48403
 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.)

The following plans are forwarded under separate covers: the remainder will follow completion of the sistership, August 1955.

CM2 Profile & Decks (2) (also as fitted plan)
CM1 Structural sections (2) (also as fitted plan)
CM7.8/1 Upper deck (also as fitted plan)
CM2/2 Shell Plating (also as fitted plan)
CM4/5 Framing Expansion, Aft.
CM4.7.8.9/8 Fore and framing etc.
CM9/1 Transverse bulkheads.
CM10/1 Longitudinal bulkheads.
CM9/2 Forward cofferdam bulkheads.
CM4.8/4 Transverses in cargo tanks.
CM4/1 Stringers in tanks.
CM4.8.9/9 Centre line girders.
CM4/2 Transverses etc. in machinery space.
CM4/3 Framing Expansion in cargo tanks.
CM4.5.9/13 Aft end framing.
CM4/7 Fore and framing expansion.
CM4.11/6 Transverses & Bulkheads in Deep Tank Hold.
CM6.9.11/1, 2 Stringers in deep tank chain locker.
CM4/11 Double bottom floors, 25-47.
CM16/34 Boiler seatings.
CM16/49 Turbine seatings.
CM16/1 Governor seatings.
CM1/1 Sternframe (2)
AC3/1 Rudder & fly plan & forging certificate.
CM9/4 Fore & aft peak bulkheads.

CM1/2 Stem.
CM11/2 Oil fuel bunkers & aft cofferdam bulkheads.
CM3.4/1 Tank top girders in double bottom.
CM2.4/1 Keel, bottom shell, Centre Gds. & Bott. framing.
CM12/3 Bulkheads under Bridge deck.
CM7.8/3 Poop deck & front.
CM14/2 Poop deck & front.
CM7.8.14/6 Bridge super structures.
CM7.8.12.14/4 Tiller deck, front & bulkheads.
CM13/1 Engine & boiler casings above Poop deck.
CM7.8/5 Bridge deck.
CM13/1, 2, 3 Long & boiler casings under Poop deck.
CM7.8/2 Keel, gear, boiler, aux. flats.
CM4/10 Stringers in engine room.
CM14/1 Forward pump room entrance (2).
CM14/4 Aft pump room entrance.
CM7.8/6 Boat deck.
AC7/8 Fasttight Hatch, fore hold.
CM16/32 Reduction Gear seatings.
CM16/50 Shaft stools.
CM11/3 Fresh water tanks.
CM1/3 Midship super structures.
CM16/5 Sea inlets in D.B.
CM16/7, 8, 9, 10 Sea inlets (4).
MT/1 Ship's side discharges.
CM16/6 Main ship's side discharge.

CM16/4 Midship sanitary discharge.
TU10/7 Buttomhatch hatches.
AC7/15 Beam hatches, cleaning tanks.
AC7/7 Access hatches to tanks (oval).
AC7/6 Access hatches to tanks (circular).
AC7. AC9/53 Opening in stem, Suez light.

Mill sheets for P403 steel are forwarded with the plans, the remaining sheets will be forwarded upon completion of the sistership.
P403 details are shown on plan as fitted deck CM7.8/1
" shell, CM2/2
" keel etc. CM2.4/1.

PARTICULARS OF ELECTRIC WELDING (if employed)

Electrically welded throughout, except at upper deck stringer angle (shell and deck), by prefabrication methods. Union/Inert machines used for shell, deck and bulkhead units. Radiographic examination in shops and on ship, total taken, 402.

SPECIAL NOTATIONS

Either as part of the vessel's class or for record in the Register Book

except deck stringer angle, carrying Petroleum in Bulk Tank framing, at bottom & deck, elec. welded, fitted for oil fuel F.P. above 150°F. Lloyd's rule, One 1/2" steel, bruiser Stern, Radar, Windless, D.F., E.S.D. Type Compound, Machy. Aft. P403 steel in hull & transverse bottom plating at bulkheads, sheerstrake at poop front & deck plating

RADAR Equipment (State if fitted)

State Type or Pattern No. Decca Radar 45. Display Unit type 4209
State Name of Supplier Decca Radar Ltd. England. Class B. Serial No. P03

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

1st Bower	Kg. 3,405	R.F.	1128A	4. 8. 53.
2nd "	Kg. 3,408	R.F.	1127A	10. 7. 53.
3rd "	Kg. 3,407	R.F.	1129A	7. 10. 53.

PARTICULARS FOR RECORD in the REGISTER BOOK.

Length of Poop 115.5 ft., R.Q.D. ✓ ft., Bridge 58.6 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 Extreme Breadth over Belting (Circ. 1611) Over-all Length (Circ. 1703) 556'
No. and Material of Decks one deck, steel.
Parts of Bottom of Vessel coated with cement or approved composition Fore peak and after peak tanks cemented, forward cofferdam cemented. Pumprooms, lower parts grease painted.
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, all O.F.			Fore peak tank, 204 fwd.	29.0	221.5
Double bottom, under Engines and Boilers, 12-29 OF.	42.0		After peak tank, 1-10	18.0	105.7
Double bottom, under Engines only, 29-47 OF.	45.0		Deep tank, aft, 44-53 P.F.	OF.	21.0
Double bottom, under Boilers only, 47-48	2.25		Deep tank, forward, 188-204 P.F.	OF.	36.0
Double bottom, forward, 89-25			Other tanks, if fitted, 44-53 P.F. Settling tanks	21.0	
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)	187-188	3.0
			CP.		1800

Order for Special Survey No.

Date 22nd Sept. 1952.

Dates of Surveys held while building

1953. July 22; Aug. 25; Sept. 2, 7, 10, 15, 21, 29; Oct. 1, 3, 8, 13, 15, 20, 22, 29, 29; Nov. 3, 5, 10, 13, 17, 19, 24, 27; Dec. 11, 16, 18, 23, 27
1954. Jan. 5, 7, 12, 14, 16, 20, 26, 29; Feb. 3, 5, 9, 11, 15, 18, 23, 25; Mar. 1, 2, 4, 6, 9, 11, 15, 16, 19, 23, 25, 29; Apr. 12, 5, 7, 8, 13, 15, 20, 21, 23, 24, 26, 27, 28, 30; May 3, 4, 5, 7, 10, 11, 12, 14, 15, 17, 18, 19, 20, 21, 22; June 1, 9, 14, 16, 18, 22, 24; July 13, Aug. 13; Sept. 6; Oct. 13, 29; Nov. 15.
1955. Jan. 24; Feb. 23, 24, 25, 26; Mar. 2, 10, 14, 15, 16, 18, 19, 21, 23; Apr. 9.

Total No. of Visits 118

Lloyd's Register Foundation

Page 5. PARTICULARS OF LONGITUDINAL FRAMING.

13 JUN 1955

FRAMING.	AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
	- throughout In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam. Ins.	Speng. Ins.		Number.	Diameter. Inches.
centre girder # L, L or E	76 x 49 with											
Bridge between Decks ...	11 x 1.26 face plate.											
Uppermost Continuous	16 3/4 x 6 .55											
next cr. No. 1												
" 2	do.											
" 3	do.											
" 4	do.											
" 5	do.											
long. bhd. " 6												
" 7	do.											
" 8	do.											
" 9	do.											
" 10	do.											
" 11	do.											
" 12	-											
" 13	-											
" 14	-											
" 15	-											
" 16	-											
Intercostal girders fitted in nos. 1 & 2 wing tanks at 5'-2" from long. blds.:-												
39 x 45, face plate 6 5/16 x 47												
and in no. 11 wing tank at 5'-2" from long. bhd.:-												
39 x 43, face plate 6 5/16 x 43												
Amidships and	32 in cr. tanks											
At Ends	31 in wings.											
Tank Top Longitudinals												
Bottom												
Longitudinals	Amidships											
At ends...												
Transverses.												
Depth and Thickness	31 x 45											
Face Angles	6 5/16 x 47											
Lugs to Shell	as bottom trans.											
Depth and Thickness	46 x 45											
Face Angles	10 x 87											
Lugs to Shell	B.W.											
Back Bars	✓											
Brackets	43											
Transverse Frames	10' - 27" / 32											
Bridge Deck	9.84 x 47											
Upper												
Second												
Third	62 x 43, face plate 6 5/16 x 79, stiffeners B.P. 6 7/8 x 51											

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.

Lloyd's Register Foundation

LMC 4.55

2 WTR 570 06

Owners Request