

STEEL STEAMER or MOTORSHIP.

28 FEB 1927

Received at London Office

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

State if Report is sent on the Machinery of the Vessel

Date of completion of report

13th February, 1927.

Port of

Dunkirk.

Survey held at

Dunkirk.

Date First Survey

31st July, 1925.

Last Survey

21st February, 1927.

On the

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

Single Screw "ANDRÉ MOYRAND" (Machinery Amidships)

State Type

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

Full Scantling.

State Type of Erections

Pop. Bridge, etc.

TONNAGE under Tonnage Deck

1952.44

CLASS

100 A1

State if with freeboard as condition of Class

No.

Built at

Dunkirk.

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 87.650

Breadth (greatest moulded)

B 13.900

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

D 6.400

Total

Gross Tonnage

2471.17

Register Tonnage

1452.06

1st Longitudinal Number (L x D)

= 561

2nd Numeral L x (B + D)

= 1779

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

5.435

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

13.690

Do. Long Bridge to top of keel

10.190

Draught Moulded

5.485

Launched

22nd Nov. 26

Yard No.

138.

Builders

Société des Ateliers et Chantiers de France.

Owners

Sté. Arm. de Guerre & d'Armement.

Managers

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

Residence

Port of Registry

Dunkirk.

If surveyed while building, afloat, & in dry dock

Yes.

REGISTERED DIMENSIONS.

Length

288.2 ft

87.850

Breadth

45.6

13.900

Depth

18.3

5.570

FRAMES, DOUBLE BOTTOM AND BEAMS.

	IN SHIP.	Any Departure from Approved Plans to be Noted.		IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	630	✓	Bracket Floors, Frame	190 90 11	✓
" " from 1/2 length to Collision bulkhead	630	✓	" " Reversed Frame	190 90 11	✓
" " in peaks	610	✓	" " Vertical Struts	190 90 11	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	965 11	✓
Frame Amidships, Angle [— F]	200 84 11	✓	" " top Angles	75 75 10.5	✓
" " Extends up to	Gunwale	✓	" " bottom Angles	100 100 11	✓
Reversed Frame Amidships, Angle	seep [framing.	✓	Side Girders, No. each side and thickness	One 8.5	✓
" " Extends up to	✓	✓	Margin Plate depth (excl. of flange) and thickness	880 10	✓
Depth of Framing Girder	200	✓	" " Vertical Angle to Tank side	75 75 8.5	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [✓	✓	" " Bracket abaft 1/4 len. from stem	75 75 8.5	✓
" " Second 'tween Decks, Angle, [or [✓	✓	" " Vertical Angle to Tank side	75 75 8.5	✓
" " Third " " " "	✓	✓	" " Bracket forward 1/4 len. from stem	178 90 9.5	✓
Framing in Peaks, Angle or [150 75 9	✓	" " Gussets, spacing and scantling abaft 1/4 len. from stem	176 00 9.5	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19 135	✓	" " Gussets, spacing and scantling forward 1/4 len. from stem	176 00 9.5	✓
State if Frame Joggled	No.	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	176 00 9.5	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep framing: One side at Gunwale and 2 nd deck. Large simple frame bars. Shell in metal & thickness. Additional intercostals. Riveting as per rule.	✓	INNER BOTTOM PLATING.		
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Breadth and thickness of Middle Line Strake	17200 10	✓
SINGLE BOTTOM.			Thickness of remainder in Holds	8.5	✓
Floors, Depth and thickness at mid-line in Holds	✓	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in B. & P. space and framing in Tankers and Boiler Room Motor space?	Yes.	✓
Height of Brackets at side above base line at toe of frame	✓	✓	BEAMS.		
Middle Line Keelson, on Floors, Angles, [or [✓	✓	Uppermost Continuous Deck, amidships in Wells, Angle, [— F]	200 84 11	✓
" " Through Plate or Intercostal Plate	✓	✓	" " in way of Bridge, Angle, [— F]	200 84 11	✓
" " Foundation Plate on Floors	✓	✓	Spacing	630	✓
" " Flat Plate Keel Angles	✓	✓	Second Deck, amidships, Angle, [— F]	200 84 11	✓
Side Keelsons, No. each side	✓	✓	Spacing	630	✓
" " thickness of Intercostal Plate	✓	✓	Third Deck, amidships, Angle, [or [✓	✓
" " Angles	✓	✓	Spacing	✓	✓
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, [or [✓	✓
Solid Floors, thickness and spacing	8.5 178 90	✓	Spacing	✓	✓
" " Are Frame and Reversed Frame joggled?	No.	✓	Poop Deck, Angle, [— F]	150 75 10	✓
Bracket Floors, breadth and thickness at middle line	800 8.5	✓	Spacing	610 + 630	✓
" " breadth and thickness at margin plate	17000 8.5	✓	Bridge Deck, Angle, [— F]	190 90 11	✓
			Spacing	630	✓
			Forecastle Deck, Angle, [— F]	190 90 11	✓
			Spacing	630 + 610	✓

PILLARS AND DECKS.

	IN SHIP.			Any Departure from Approved Plans to be Noted.		IN SHIP.			Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows.....		✓		✓	Stringer Plate, breadth and thickness in way of Bridge	✓			✓
„ in 'tween Decks, Size and Spacing.....		✓		✓	Thickness of Plating abreast Deck openings in way of Wells	7.5			✓
„ „ „ „ „		✓		✓	Thickness of Plating abreast Deck openings in way of Bridge	7.5			✓
„ in Holds „ „	{ Built pillars as approved. }				Thickness of Plating within line of openings...	7.5			✓
„ „ „ „ „	{ Built pillars as approved. }				If Sheathed, material and thickness	Not sheathed.			
Centre Line Bulkhead.					Third Deck.				
Stiffeners and Spacing.....		None.		✓	Stringer Plate, breadth and thickness.....	✓			✓
Plating, thickness of		✓		✓	If Plated, state thickness.....	✓			✓
STRINGERS AND DECKS.					Fourth Deck.				
Uppermost Continuous Deck.					Stringer Plate, breadth and thickness.....	✓			✓
Stringer Plate, breadth and thickness in Wells	1 1/2	350	15	✓	If Plated, state thickness	✓			✓
„ „ „ „ in way of Bridge	1 1/2	350	8.5	✓	Poop Deck.				
„ Angle in Wells	150	150	15	✓	Stringer Plate, breadth and thickness	1 1/2	780	8	✓
Thickness of Plating abreast Deck openings in way of Wells			9.5	✓	Plating, Sheathing, material and thickness	P. & S. Steel.	6.5		✓
Thickness of Plating abreast Deck openings in way of Bridge			7.5	✓	Bridge Deck.				
Thickness of Plating within line of openings...			8.5	✓	Stringer Plate, breadth and thickness.....	1 1/2	350	8.5	✓
If Sheathed, material and thickness	Not sheathed.				Plating, Sheathing , material and thickness	Steel.	7.5		✓
Second Deck. (1st. 1 + 4 holds)					Forecastle Deck.				
Stringer Plate, breadth and thickness in Wells...	2 1/2	130	8	✓	Stringer Plate, breadth and thickness.....	1 1/2	950	8.5	✓
					Plating, Sheathing, material and thickness	P. & S. Steel.	6.5		✓

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if jogged? <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.	
FLAT PLATE KEEL	<i>1 1/2</i> 40	<i>15</i>	<i>14</i>	<i>14</i>	✓	<i>Double.</i>	<i>22</i>	<i>90</i>	<i>Three.</i>	<i>22</i>	<i>85</i>	<i>Lapped.</i>
— " — <i>DECK (if any)</i>		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BOTTOM PLATING, No. of Strakes ... <i>4</i>		<i>12</i>	<i>10</i>	<i>10</i>	✓	<i>Double.</i>	<i>19</i>	<i>75</i>	<i>Three.</i>	<i>19</i>	<i>65</i>	<i>Lapped.</i>
BILGE PLATING, No. of Strakes <i>1</i>		<i>12</i>	<i>10</i>	<i>10</i>	✓	"	"	"	"	"	"	"
SIDE PLATING, No. of Strakes <i>3</i>		<i>12</i>	<i>10</i>	<i>10</i>	✓	"	"	"	"	"	"	"
UPPER DECK, Sheer-strake in Wells.....			<i>18.5</i>	<i>18.5</i>	<i>well</i> ✓	"	<i>22</i>	<i>90</i>	<i>Four.</i>	<i>25</i>	<i>100</i>	"
UPPER DECK, Sheer-strake in Bridge ...		<i>12</i>			✓	"	<i>19</i>	<i>75</i>	<i>Three.</i>	<i>19</i>	<i>65</i>	"
STRAKE BELOW Sheer-strake in Wells.....			<i>15</i>	<i>15</i>	<i>well</i> ✓	"	<i>22</i>	<i>90</i>	"	<i>22</i>	<i>80</i>	"
STRAKE BELOW Sheer-strake in Bridge ...		<i>12</i>			✓	"	<i>19</i>	<i>75</i>	"	"	"	"
POOP SIDE PLATING				<i>8.5</i>	✓	<i>Single.</i>	"	"	<i>Two.</i>	<i>19</i>	<i>65</i>	"
BRIDGE SIDE PLATING ...		<i>11.5</i>			✓	<i>Double.</i>	"	"	<i>Three.</i>	"	"	"
FORECASTLE SIDE PLATING			<i>9</i>		✓	<i>Single.</i>	"	"	<i>Two.</i>	"	"	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c)..... 6

„ Deck next below..... ✓

As per Rule..... 5

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks	✓	✓	✓	✓	✓
„ „ Second „	✓	✓	✓	✓	✓
„ „ Third „	✓	✓	✓	✓	✓
„ „ Holds	9/6.5	200	90	13	740
COLLISION „ (in Hold)	10.5/7	200	84	11	625
AFTER PEAK „ „	10.5/7	150	90	10	610

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	✓	Flat plate keel.	✓	
STEM	Roller Steel bar.	8" x 2 1/8" Roddingham.	✓	
STERN FRAME { Propeller Post	✓	Casting 216 x 140. Skoda.	✓	
{ Rudder „	✓	191 x 140. „	✓	
RUDDER—A x D	7.85 x 1.500 = 7.85	✓		
Speed of Vessel	9.5 knots.	✓		
RUDDER mainpiece at head	Forging 190 Skoda.	✓		
„ „ heel	140	✓		
„ how constructed	Forged & built.	✓		
„ „ single plate	25.5	✓		
„ coupling, vertical or horizontal.....	Horizontal.	✓		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) Open Hearth. Lanarkshire Steel Co., Roddingham; Acieries de France; Homecourt; Bassin. Loin.

Has the Steel been tested as required by the Rules? Yes.

EQUIPMENT No. 1878.				LETTER "S."		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
2402	1st Bower ...	1940	✓	35.160	1970	Stockless.	Turbot.	Amst. 31.12.25, 4. L. Rabau.
2405	2nd " ...	1834	✓	33.690	1970	"	"	" " "
2404	3rd " ...	1827	✓	33.600	1.650	"	"	" " "
	Collective weight.	5601	✓		5.590			
2343	Stream	522	132	12.420	510	Ordinary.	Turbot.	Amst. 31.12.25, 7. L. Rabau.

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- Break- ing.	Supplied.	Per Rule.	Length. Diam.					Length. Cir.	Kps.	Length. Cir.	Length. Cir.		
3163	440 46	59970	21.771	20.150	440 46	link	Dormieux, St. Amant.	5.3.26. a. B. unutt.	TOWLINE...	165 705	165 705	165 705	165 705		
		59970							HAWSERS & WARPS	2/165 64	12.700	2/165 64	2/165 64		
		59970							"	2/165 57	9.650	2/165 57	2/165 57		
Stream Steel Wire	160 108	35.560			160 108	link									

Steering Gear, Steam {Hole. Chain Hydraulic, 2 by Paul Duclos, }
 {Thomas Houston Electric, }
 {MacLappart, St. Talmont. }
 Steering Gear, Hand Paul Duclos, Marseilles.

Boats {2 hollow, beamless steel. }
 {24' x 7' 6" x 3' }
 {1 dumpy, 4' x 6' }
 Steering Chains, Size and Test None. Direct fear. Electric Windlass {Emerson, Walker. }
 {65 7/8 x 16 1/2 in Cope. }
 {180 1/2 in spec. }

Ceiling in Holds, thickness and material 65 1/2 in. fir. Cargo Battens, thickness, material and spacing

Cargo Hatchways.—(Upper Deck) Steel plates and angles, Thickness of Hatches 75 1/2 in. solid.

Size of No. 1 Hatchway (Forward) 8' 7 9/10 x 5' 5 1/2 No. 2 13' 2 3/10 x 5' 5 1/2 No. 3 13' 2 3/10 x 5' 5 1/2 No. 4 8' 7 9/10 x 5' 5 1/2 No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters Six at Nos. 1 and 4: Ten at Nos. 2 and 3 hatchways.

SOCIÉTÉ DES ATELIERS
& CHANTIERS DE FRANCE
DUNKERQUE

Builder's Signature *J. B. Bill*

GENERAL DECLARATION This vessel has been built in accordance with the approved plans, the Secretary's and Paris Office letters and in other respects in conformity with the Rules.

The materials and workmanship are good.

The upper and weather decks, gutterways, watertight bulkheads, shaft tunnel and watertight door have been hoist tested and found satisfactory.

The double bottom tank (water ballast, fresh water feed, oil fuel, lubricating oil) and Rotterdam and the peak tanks have been tested under the required water pressure and found satisfactory.

The steering gears, windlass and Downton hand pump have been examined under working condition (Rate £1 = Frs. 124.-)

The amount of Entry Fee Frs. 744.- Fees applied for, 25.2.1927.

Survey Certificate Frs. 130.-

Special Survey Fee.... Frs. 24.620.- Received by me, *J. B. Bill*

Paris Office Expenses Frs. 100.-

Travelling Expenses, if any Frs. 52.-

I am of opinion the Vessel should be Classed + 100 A1.

State whether the Vessel has been built under Special Survey Yes.

Signature *J. B. Bill*
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to Dunkirk. Date of Issue 4/3/27

Committee's Minute FRI. 4 MAR 1927

Character assigned 100 A1

Lloyd's A.C.P. + L.M.C. 2.27 C.R.

W.L. Oil Engines 0.3 100th

Mute *ft*

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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.)

And found satisfactory.

The vessel is fitted with an electric lighting installation and wireless telegraphy.

Vessel has been placed in dry dock and the bottom and rudder cleaned, examined and recoated.

Plans refer to copy of Interim Certificate forwarded herewith together with a print of midship section and 2 casting and forging reports relating to the stern frame and rudder.

Sister Vessel:- "Paul Emil Gavany."

Dunkirk Report No. 2750.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	1188 Kps.	J.C.	442	10.7.25.
	2nd "	1147 "	U.C.	444	10.7.25.
	3rd "	1154 "	L.H.	448	10.8.25.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 8⁸/₁₀ ft., R.Q.D. ✓ ft., Bridge 18⁹/₁₀ ft., Forecastle 11³/₁₀ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book) ✓
Deck (steel) in No. 1 and 4 holds. ✓
Official No. ✓ ; Signal Letters ✓
Is bottom of Vessel coated with cement. ✓
Except in way of double bottom oil fuel tanks. ✓

PARTICULARS OF WATER BALLAST, etc.

Oil Fuel			Water		
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
		Tons.		Feet.	Tons.
Double bottom, aft, <i>motor</i>	<i>water.</i> 30.240	254	Fore peak tank,	✓	39
Double bottom, under Boilers and Boilers <i>oil fuel.</i>	12.600	123	After peak tank,	✓	67
Double bottom, under Boilers only, <i>" "</i>	8.820	74	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,		✓	Deep tank, forward,	✓	✓
Double bottom, forward, <i>water.</i>	22.680	171	Other tanks, if fitted,	✓	✓
	Total capacity of double bottom	622	(If necessary, furnish further information by sketch.)		

Order for Special Survey No. 195.

Date

6th July, 1925.

Dates of Surveys held while building

1925. July 31, Aug. 4, 18, 21, 22, 25, 27, 28; Sept. 1, 2, 3, 4, 7, 8, 10, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 28, 29, 30, Oct. 1, 2, 5, 6, 7, 9, 12, 13, 14, 16, 17, 19, 21, 22, 23, 24, 26, 27, 28, 29, 30, 31; Nov. 2, 4, 6, 10, 12, 13, 18, 19, 20, 24, 28; Dec. 1, 2, 3, 5, 7, 8, 9, 10, 11, 12, 18, 22, 24, 29, 31. 1926. Jan. 5, 7, 9, 11, 19, 20, 23, 25, 28; Feb. 2, 4, 5, 6, 9, 10, 11, 13, 17, 19, 20, 22, 23, 24, 26, 27, 28, 29, 30; Mar. 3, 4, 8, 9, 10, 12, 16, 18, 23, 26, 30; Apr. 2, 6, 26, 27, 28, 30; May 18, 20, 25, 28, 29; June 2, 3, 4, 8, 9, 11, 17, 18, 19, 22, 25, 26; July 1, 3, 5, 6, 8, 9, 15, 19, 21, 22, 23, 26, 27, 29, 30; Aug. 4, 13, 14, 21, 24, 25, 31; Sept. 2, 6, 9, 14, 17, 18, 20, 21, 23, 27, 29; Oct. 1, 4, 5, 7, 8, 12, 14, 18, 19, 20, 21, 25, 27, 28, 31; Nov. 5, 6, 10, 18, 20, 22, 24, 26, 30; Dec. 1, 15, 21, 1927. Jan. 7, 14, 20; Feb. 18, 10, 12, 15, 17, 19, 21.

Total No. of Visits 205.