

## STEEL STEAMER OR MOTORSHIP.

F.E. FROM ACCTS.	20/5
F.E. FROM ADMIN/F	26/5
PLANS RECD.	
CERTS. RECD.	
Date of completion of report	10/06/59
TO BE REPRODUCED at	2/6

DISCLOSED  
SECTION

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  
Port of Amsterdam

Received at London Office

DISCLOSED  
SECTION  
No. 1067  
No. 22748

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) single screw cargo-passenger vessel "PILOTO PARDO"  
State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) full scantling  
State Type of Erections for'sle and bridge

TONNAGE under 1565.38  
Tonnage Deck ...

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

Total 1565.38

Age 188241

Age 896.86

## RED DIMENSIONS.

FEET

254.66

39.21

22.34

CLASS

100 A 1

State if with freeboard

as condition of Class

strengthened for navigation in ice.

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

Breadth (greatest moulded)

B 11,90

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

D 7,40

1st Longitudinal Number (L x D)

2nd Numeral L x (B + D)

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

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

Do. Long Bridge to top of keel

Draught Moulded

4,39

Built at HaarlemLaunched 11-6-58Yard No. 552Builders Haarlemsche Scheepsbouw MijOwners Chilean Government

Managers

(Where necessary to be entered in Flag Book)

Residence ValparaisoPort of Registry Valparaiso

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.
Spacing amidships	610 mm	✓	Bracket Floors, Frame	130x65x10	✓
" from 1/2 length amidships to Collision bulkhead	610	✓	" " Reversed Frame	130x65x9 1/2	✓
" in peaks	610	✓	" " Vertical Struts	150x75x8	✓
FRAMING.			Centre Girder, depth and thickness amidships	850 x 10 1/2	✓
Amidships, Angle, [ or ]	150x100x10	✓	" " top Angles	welded	✓
" Extends up to	second deck	✓	" " bottom Angles	welded	✓
d Frame Amidships, Angle	none	✓	Side Girders, No. each side and thickness	1 - 7 1/2	✓
" Extends up to	-	✓	Margin Plate depth (excl. of flange) and thickness	725 - 10	✓
Framing Girder	(250) 150	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	welded	✓
in Uppermost Continuous 'tween Decks, Angle, [ or ]	90x65x6	✓	" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	welded	✓
" Second 'tween Decks, Angle, [ or ]	-	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	1830 - 300x250x9	✓
" Third " " "	-	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	ditto	✓
from 1/2 len. for'd. to 15% len. from Stem	150x100x10	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	1400 x 9 1/2	✓
in Peaks, Angle or [	130x65x8	✓	INNER BOTTOM PLATING.		
Frame and Spacing of Rivets through Frame and Shell Plating amidships	welded	✓	Breadth and thickness of Middle Line Strake	1090 x 9 1/2	✓
Frame Joggled	no	✓	Thickness of remainder in Holds	8 1/2	✓
scantlings and arrangements in the Deck Area in accordance with the Rules as approved?	as approved	✓	Are Rule requirements complied with regard to increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	yes	✓
scantlings and arrangements in way of Bottom Forward in accordance with Rules and/or as approved?	as approved	✓	BEAMS.		
BOTTOM. in bunker			Uppermost Continuous Deck, amidships in Wells, Angle, [ or ]	100x50x8	✓
Depth and thickness at mid-line in Holds	850 x 10	✓	" " in way of Bridge, Angle, [ or ]	90x65x8 1/2	✓
Height of Brackets at side above base line at toe of frame	1420	✓	" " Spacing	610	✓
Line Keelson, on Floors, Angles, [ or ]	welded	✓	Second Deck, amidships, Angle, [ or ]	90x65x8	✓
" Through Plate on Floors	14	✓	" " Spacing	610	✓
" " Foundation Plate on Floors	900 x 10	✓	Third Deck, amidships, Angle, [ or ]	-	✓
" " Flat Plate Keel Angles	welded	✓	" " Spacing	-	✓
Keelsons, No. each side	1 (longit. bhd)	✓	Fourth Deck, amidships, Angle, [ or ]	-	✓
" " through thickness of [ or ] Plate	10 1/2	✓	" " Spacing	-	✓
" " Angles	welded	✓	Poop Deck, Angle, [ or ] Helicopter	100x50x8	✓
DOUBLE BOTTOM.			" " Spacing	610	✓
Solid Floors, thickness and spacing	8 - 1830	✓	Bridge Deck, Angle, [ or ]	100/120x75x8	✓
" " Are Frame and Reversed Frame joggled?	none	✓	" " Spacing	610	✓
Bracket Floors, breadth and thickness at middle line	590 x 7 1/2	✓	Forecastle Deck, Angle, [ or ]	100x75x8/9 1/2	✓
" " breadth and thickness at margin plate	(950) x 7 1/2	✓	" " Spacing	610	✓



## PILLARS AND DECKS.

	mm <del>Feet</del> IN SHIP.	Any Departure from Approved Plans to be Noted.	mm <del>Feet</del> IN SHIP.	Any De- Approve be of e.
<b>PILLARS, No. of Rows</b> .....	1 in holds ✓		Stringer Plate, breadth and thickness in way of Bridge .....	1100 x 6 ✓
„ in 'tween Decks, Size and Spacing .....	2 in tweendeck ✓		Thickness of Plating abreast Deck openings in way of Wells .....	6 ✓
„ „ „ „ „ .....	ø 3-1/4" - 3660 ✓		Thickness of Plating abreast Deck openings in way of Bridge.....	6 ✓
„ in Holds „ „ „ .....	ø 191 x 10 ✓		Thickness of Plating within line of openings...	6 ✓
„ „ „ „ „ .....	spacing 7930 ✓		If Sheathed, material and thickness.....	10 mm senstex
<b>Centre Line Bulkhead.</b>	-		<b>Third Deck.</b>	„
Stiffeners and Spacing .....	-		Stringer Plate, breadth and thickness.....	
Plating, thickness of .....	-		If Plated, state thickness .....	
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>	-
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	
Stringer Plate, breadth and thickness in Wells	1500 x 9 1/2 ✓		If Plated, state thickness.....	
„ „ „ „ in way of Bridge	1500 x 7 ✓		<b>Poop Deck.</b>	
„ Angle in Wells .....	welded ✓		Stringer Plate, breadth and thickness.....	1500 x 6 ✓
Thickness of Plating abreast Deck openings in way of Wells .....	7 1/2 ✓		Plating, Sheathing, material and thickness .....	6 - 2" teak ✓
Thickness of Plating abreast Deck openings in way of Bridge.....	7 ✓		<b>Bridge Deck.</b>	
Thickness of Plating within line of openings...	7 ✓		Stringer Plate, breadth and thickness.....	1500 x 9 1/2 ✓
If Sheathed, material and thickness.....	2" teak ✓		Plating, Sheathing, material and thickness .....	7/7 1/2 ✓
<b>Second Deck.</b>			<b>Forecastle Deck.</b>	
Stringer Plate, breadth and thickness in Wells	1100 x 6 ✓		Stringer Plate, breadth and thickness.....	1200 x 6 1/2 ✓
			Plating, Sheathing, material and thickness...	6 1/2 ✓

## SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	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.....	1090	14 ✓	14 ✓	14 ✓								
„ Dblg. (if any)												
Bottom Plating, No. of Strakes A-B-C.....	1530	12 ✓	13½ ✓	11 ✓								
Bilge Plating, No. of Strakes ....D.....	1530	12 ✓	18/22 ✓	10 ✓								
Side Plating, No. of Strakes ..E-F.....	1830	18-20 ✓	18-20 ✓	18-20 ✓								
Upper Deck, Sheer- strake in Wells J.	1700	10½ ✓	9½ ✓	9½ ✓								
Upper Deck, Sheer- strake in Bridge J.	1200	10½ & 16	-	-	see Shell pl							
Strake below Sheer- strake in Wells G.	1530	18 ✓	18 ✓	18 ✓								
Strake below Sheer- strake in Bridge G.	1530	18 ✓	-	-								
Poop Side Plating.....	-	-	-	-								
Bridge Side Plating K-L	1200/ 1100	10 & 13	-	-								
Forecastle Side Plating K-L	-	-	8-7 ✓	-								
						Shellplating completely welded. ✓						

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.		Maker's Name.		An from Plan	
Extending to Upper Deck (Sec. 3 c) _____ 5 ✓		KEEL, Bar		plate		✓		ount o	
„ Deck next below _____ (2) 1		STEM		forging		ø 200 ✓		Reba	
As per Rule _____ 4		STERN FRAME X Propeller Post		welded		✓		best	
		Rudder		„		✓		Trav	
		Speed of Vessel		14 knots		✓		hether	
		RUDDER—Type		Oertz		✓		ate to	
		„ A x D		5,59		✓		mitte	
		„ X Diam. of head		257 mm ø		✓		acte	
		„ Mainpiece at top pintle		185 mm ø		✓			
		„ „ heel		185 mm ø		✓			
		„ how constructed		welded		✓			
		„ double or single plate		double		✓			
		coupling, vertical or		horizontal		✓			
		horizontal							

		STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper 'tween decks		6½ ✓	90x65x7 - 760 ✓		
„ „ Second „		-			
„ „ Third „		-			
„ „ Holds		7½-11 ✓	130x75x10 - 760 ✓		
„ „ Bunker		7½-11 ✓	100x75x8½ - 610 ✓		
COLLISION „ (in <del>XXXX</del> )		7½-10½ ✓	100x65x10 ✓		
AFTER PEAK „		7½-10½ ✓	90x65x7½ - 610 ✓		

STEEL.		Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	
		XXXXXX Aldur 58 - Electric Furnace Process 11/9-57 R. Jenny Vienna 26/8-57, 10/10-57, 27/11-57	
		Has the Steel been tested as required by the Rules? yes ✓	



1500 x 6	✓	g Gear, Type (Power <del>mechanical</del> <sup>electric</sup> )	electric - hydraulic	Alternative Means of Steering	-
6 - 2" teak	✓	g Chains (Size and Test)	-	Windlass	electric
				Boats	wood
1500 x 9½	✓	in Holds, thickness and material	65 mm - pine	Cargo Battens, thickness, material and spacing	steel 40x40x5 230 mm
7/7½	✓	Hatchways.—(Upper Deck)	2 + 1 trunk	Thickness of Hatches	steel - 7 mm - pontoon type
1200 x 6½	✓	Hatchways No. 1 (Fwd.)	7314x3400	No. 2	7924x3800
				No. 3	8235x3800
				No. 4	-
				No. 5	-
				No. 6	-

ship has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's orders. The scantlings and arrangements of the ship are as given in the report and as shown and amended on the approved plans now forwarded. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with or by standards equivalent to the Rule requirements. The plan of midship section and profile and decks showing the ship as built, forwarded herewith, have been checked with the approved arrangements and found in order. The workmanship was good. All double bottom tanks, fore and after peak tanks, deep tank fore bunker and settling tanks tested as required. Weatherdeck, shell and bulkheads hoisted; windlass steering gear and ~~beam~~ auxiliary steering gear tested under working conditions. Freeboard marks verified and cut in. The steel used for the ship's ~~side~~ sideshell plating consists mainly of Aldur 58 steel and is indicated on the shell expansion.

ship has been drydocked at Amsterdam 2-59.

ing 200 ✓	SS as per scale:	Amount of <del>500000</del> ..... f. 4500,--	Fees applied for,	(Special notations, where part of class, to be stated.)
ed ✓		Rebate of 25% ..... 1125,--	15/5/1959	
ots ✓		Special <del>500000</del> Exchanged: ..... f. 3375,--	Received by me,	
Z ✓		Travelling Expenses, if any ..... f. 893,50	✓ 19	
9 ✓		Whether the Vessel has been built under Special Survey ..... yes		I am of opinion the Vessel should be Classed * 100 A 1
mm 200 ✓		Date to be sent to Amsterdam office <i>via Rot.</i> Date of issue 1.7.59		"strengthened for navigation in ice"
mm 200 ✓		Committee's Minute ✓	Signature <i>E.D.H.F. Pronker</i>	Surveyor to Lloyd's Register of Shipping.
mm 200 ✓		Character assigned + 100 A1		E.D.H.F. Pronker.
ded ✓		LACP DS 2.59		
ole ✓		Strengthened for navigation in ice.		
horizontal ✓		+ LMC		
57, 10/10-57,		ES		
27/11-57		DS	4.59	
		T3 CL		



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded as the Plans should be embodied.)

List of plans attached:

As approved:

- 1) Midship section
- 2) Longitudinal section and decks
- 3) Shell expansion
- 4) Stem
- 5) Stern
- 6) Rudder
- 7) Double Bottom
- 8) Double Bottom in E.R. and engine seating
- 9) W.T. and O.T. bulkheads (a, b, c,)
- 10) Main deck
- 11) Tween deck
- 12) Fore peak and tank deck
- 13) Hatch casings
- 14) Hatch I
- 15) Hatch II
- 16) Hatch III
- 17) Hatch casing III

Certificates attached:

- copy of Interim Certificate  
Certificate of sternframe boss  
Certificate of sole piece sternframe  
Certificate of rudder head  
certificate of davits

As Built:

- 18) Longitudinal section
- 19) Cross sections
- 20) Shell expansion
- 21) Stern
- 22) Rudder
- 23) Docking arrangement plan

PARTICULARS OF ELECTRIC WELDING (if employed)

main structure completely welded.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

The ship is equipped with the following navigational aids :

Radar, Echosounder, Direction Finder, Gyrocompass.

Last drydocking Ams 2-59

Ship's structure partly Aldur 58 steel - strengthened for navigation in ice.

RADAR Equipment (State if fitted) yes

State Type ~~no Bottom~~ Raytheon 1404

State Name of Maker and/or Supplier Radio - Holland.

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

1st Bower	21-2-0	✓ J.M.	3811 - 31.10.57
2nd "	21-1-4	✓ J.M.	4027 - 5.12.57
3rd "	21-1-20	✓ J.M.	4026 - 5.12.57

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop — ft., R.Q.D. — ft., Bridge 51.5 ft., Forecastle

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

Official No. — — Signal Letters CCPP Extreme Breadth over Belting 11.94 m Over-all Length 81.86 m  
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 - steel ✓  
Parts of Bottom of Vessel coated with cement or approved composition stbd bilge hold II filled with concrete fr. 60-78

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
Double bottom, aft, fr. 18-35 No. 10 fuel	9.15	9.5	Fore peak tank, forw. fr. 110 - W.B.	6.71	
<del>Double bottom, under Engines and Bunkers</del>	-	-	After peak tank, abaft fr. 12 - W.B.	7.32	
Double bottom, if under Engines only, fr. 36-51 No. 7, 8, 9, fuel	9.15	59.7	Deep tank, aft, fr. 12-35 tunnel wing 11.12	7.93	(1)
<del>Double bottom, under Engines only</del>	-	-	Deep tank, forward, fr. 101-110 No. 1, 2 fuel oil	5.49	(1)
Double bottom, forward, fr. 60-100 No. 1, 2, 3, 4, 5, 6, fresh water	24.40	156.7	<del>Double bottom, under Engines only</del> fr. 52-58 No. 3, 4, 5, 6 fuel oil	3.66	(1)
Total length (if continuous) and Capacity	5.6		(If necessary furnish further information by sketch.)		

See attached "Docking arrangement plan"

Order for Special Survey No. —

Date —

Dates of Surveys held while building  
1956: Nov. 12, Dec. 14, 1957: Apr. 11, 16, 24, May, 10, 15, 21, June 28, July Aug. 8, 12, 15, 28, Sept. 2, 5, 17, 27, Oct. 1, 6, 8, 14, 19, 29, 31, Nov. 4, 12, 23, 26, Dec. 4, 6, 9, 12, 24, 1958: Jan. 8, 9, 15, 22, 28, Febr. 3, 10, 17, 18 Mar. 3, 6, 10, 11, 20, 26, 31, Apr. 3, 11, 15, 22, 24, 25, May 7, 10, 14, 16, 22, 28, 30, June 2, 6, 11, 16, 25, Aug. 5, 22, 25, Sept. 1, 10, 22, 26, Oct. 7, 14, 16, 27, 28, Nov. 3, 13, 18, 26, Dec. 4, 5, 8, 9, 10, 11, 12, 16, 19, 24, 1959: Jan. 20, 21, 30, Febr. 11, 13, 14, Apr. 2, 28, Total No. of Visits