

STEEL STEAMER or MOTORSHIP.

Received at London Office 15 NOV 1930

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

30th October 1930

Port of

Antwerp

Survey held at

Hoboken

Date First Survey

10/1/1929

Last Survey

30th October 1930

On the

Twin Screw Steamer

PRINCE CHARLES

State Type

Complete Superstructure without Tonnage Opening

State Type of Erections

TONNAGE under Tonnage Deck...

2620.70

GLASS + 100 A.I.

State if with freeboard as condition of Class

See METRES

Built at

Hoboken

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

Total

Gross Tonnage

3087.74

Register Tonnage

1448.34

REGISTERED DIMENSIONS.
METRES FEET.

Length

105.78 = 347.08

Breadth

14.10 = 46.20

Depth

6.96 = 22.80

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

106.00

Breadth (greatest moulded)

B 14.00

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

D 5.05 + 2.43

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

Draught Moulded

12'0"

Launched 12 April 1930 Yard No. 6443

Builders S.A. John Cockenill

Owners Belgian Government

Managers

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

Residence

Brussels

Port of Registry

Ostend

If surveyed while building, afloat, or in dry dock

Building & Dry Dock

FRAMES, DOUBLE BOTTOM AND BEAMS.

	Ref. IN SHIP.	Any Departure from Approved Plans to be Noted.		Ref. IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	6/0		Bracket Floors, Frame		
" " from 1/4 length to Collision bulkhead	ditto		" " Reversed Frame		
" " in peaks	ditto		" " Vertical Struts		
SIDE FRAMING.			Centre Girder, depth and thickness amidships	940 11	
Frame Amidships, Angle	100 75 7.5		" " top Angles	75 75 11	
" " Extends up to	Deck C & alternately Deck B		" " bottom Angles	90 75 10	
Reversed Frame Amidships, Angle	70 70 7.5		Side Girders, No. each side and thickness	One 10	
" " Extends up to	Deck E & D alternately		Margin Plate depth (excl. of flange) and thickness	550 10	See letter M 14/11/29
Depth of Framing Girder	100 75 7.5		" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	75 75 10	
Frames in Uppermost Continuous 'tween Decks, Angle	100 75 7.5		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem		
" " Second 'tween Decks, Angle	100 75 7.5		" " Gussets, spacing and scantling	Every 10 ft. 10	See letter M 14/11/29
" " Third " " "			" " Gussets, spacing and scantling		
Framing in Peaks, Angle	100 75 7.5		Tank Side Brackets, height above base line at toe of Frame and thickness	1300 10	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	19 ft. 135		INNER BOTTOM PLATING.		
State if Frame Joggled	Yes.		Breadth and thickness of Middle Line Strake	1560 11.5	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Toppings plan.		Thickness of remainder	11.5	
TRENGTHENING OF BOTTOM FORWARD. State Particulars			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?	As per approp. plan	
INGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	510 8.5		Uppermost Continuous Deck, amidships	140 76 9	
Height of Brackets at side above base line at toe of frame	1260		" " in Wells	140 76 9	
Middle Line Keelson, on Floors, Angles			" " in way of Bridge	140 76 9	
" " Through Plate	600 9.5		Spacing	1220	
" " Foundation Plate on Floors	300 9.5		Second Deck, amidships	140 76 9	
" " Flat Plate Keel Angles	90 75 10		Spacing	1220	
Side Keelsons, No. each side	Two		Third Deck, amidships	140 76 9	
" " thickness of Intercoastal Plate	7.5		Spacing	1220	
" " Angle	120 80 8		Fourth Deck, amidships	150 76 10	
DOUBLE BOTTOM in ENG ^d BOILER SPACES			Spacing	610	
Solid Floors, thickness and spacing	10 at 610		Poop Deck, Angle		
" " Are Frame and Reversed Frame joggled?	No		Spacing		
Bracket Floors, breadth and thickness at middle line			Bridge Deck, Angle	140 76 7.5	
" " breadth and thickness at margin plate			Spacing	1220	
			Forecastle Deck, Angle		
			Spacing		

PILLARS AND DECKS.

	<i>Ref</i> IN SHIP.	Any Departure from Approved Plans to be Noted.	<i>Ref</i> IN SHIP.	Any Departure from Approved Plans to be Noted.
PILLARS , No. of Rows..... <i>Two</i>				
" in 'tween Decks, Size and Spacing..... <i>Top plan 50</i>				
" " " " " "				
" in Holds " "	<i>Top plan 60</i>			
" " " " " "				
Centre Line Bulkhead.				
Stiffeners and Spacing.....				
Plating, thickness of				
STRINGERS AND DECKS.				
Uppermost Continuous Deck.				
Stringer Plate, breadth and thickness in Wells <i>1-200 12</i>				
" " " " in way of Bridge <i>1-200 12</i>				
" Angle in Wells <i>90 7.5 10</i>				
Thickness of Plating abreast Deck openings } in way of Wells }	<i>6.5</i>			
Thickness of Plating abreast Deck openings } in way of Bridge }	<i>7.5</i>			
Thickness of Plating within line of openings...	<i>6.5</i>			
If Sheathed, material and thickness <i>Iroko Teak 63</i>				
Second Deck.				
Stringer Plate, breadth and thickness in Wells... <i>1-000 9.5</i>				
Stringer Plate, breadth and thickness in way of Bridge }	<i>1-000</i>			
Thickness of Plating abreast Deck openings } in way of Wells }	<i>6</i>			
Thickness of Plating abreast Deck openings } in way of Bridge }	<i>7.5</i>			
Thickness of Plating within line of openings...	<i>6</i>			
If Sheathed, material and thickness <i>Ligno Sulo Cabin Room 30 63</i>				
Third Deck.				
Stringer Plate, breadth and thickness..... <i>500 7.5</i>				
in way of Oil Fuel Tanks				
If Plated, state thickness..... <i>8.5</i>				
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..... <i>600 7.5</i>				
Plating, Sheathing, material and thickness <i>Ligno Sulo Iroko Teak 30 63</i>				
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—		
Extending to Upper Deck (Sec. 3 c)	D	10
„ Deck next below		3
As per Rule		6

Plating Thickness.	STIFFENERS.			
	VERTICAL.		HORIZONTAL.	
	Scantlings.	Spacing.	Scantlings.	Spacing.
	In accordance with Plan			
	B 24 App. 19.4.29.			
	L			
	8.5/230x75x11			
	7.190x75x5.50			
	7.56150x75x8.5			
	6.5140x75x8.5			

MIDSHIP BULKH'D,	Upper tween decks	
„	Second	„
„	Third	„
„	Holds
COLLISION	(in Hold)
AFTER PEAK	„

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	Steel	180x63		
STEM	Forging	Sketch SA	Whitlocksmith	
STERN FRAME { Propeller Post	Brackets Steel	660x140		
{ Rudder Post	Castings to sketch	Skinner de la Brosse		
	"	To sketch	Skoda	
RUDDER—A×D				
Speed of Vessel	Steel	28 1/2 knots		
RUDDER mainpiece at head	Steel	300 lbs	Skoda	
" " heel	Steel	180x130	"	
" how constructed	Cast steel	frame with double plates. Rudder post frame also secured by wide gusset	hitch's studs.	
" double or single plate	Double	8		
" 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) <i>A. John Cockrill David Colville & Son. Steel Company of Scotland. R. R. Parkhead.</i> <i>Fabrique de Fer et Charbon.</i>
	Has the Steel been tested as required by the Rules? <i>Yes.</i>

EQUIPMENT No.				LETTER		ANCHORS.		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.	TEST, PER CERTIFICATE.	WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
1840	1st Bower ...	1726		32300	1775	Tyazacks Pat.	Dumaine & Co.	Dumaine 17/6/30 Chas. J.
1841	2nd " ...	1723		32300	1775	"	"	"
4733	3rd " ...	1652		30998	1475	"	"	" 7/5/30 H.A. Burt
	Collective weight.	5101			5025			
2656	Stream	564	146		550	Registered Trolman Pat.	"	" 7/5/30 A. Bennett
2658		199	56		250	Ordinary Stud	"	"

CHAIN CABLES.

HAWSEERS 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.	Stagn.	Break.	Supplied.	Per Rule.	Length.	Diam.					Length.	Diam.		Length.	Diam.
8411	180	1 1/2	516	712	269.2.19	258	180	43	Stud Link	Dumaine & Co.	Happisburgh 4/4/30 A. Bennett	HAWSEERS & WARPS	200	1 1/2	40	200	1 1/2
													150	1 1/2	40	150	1 1/2
													100	1 1/2	40	100	1 1/2
													200	1 1/2	40	200	1 1/2

Steering Gear, Steam

Brown's Steam Tiller

Steering Gear, Hand

Brown's Patent.

Boats 8 Lifeboats

Steering Chains, Size and Test

h

Windlass

Emerson Walker's Steam

Ceiling in Holds, thickness and material

Red pine 75 1/2

Cargo Battens, thickness, material and spacing

White pine 38 1/2 - 1150 1/2

Cargo Hatchways. (Upper Deck)

Coamings 300 1/2 - 1000 1/2

Thickness of Hatches

75 1/2

Size of No. 1 Hatchway

15-9 x 9-8

No. 2

No. 3

No. 4

No. 5

No. 6

Number of Shifting Beams

3

Builder's Signature



GENERAL DECLARATION

This vessel has been built in accordance with the approved plans, the Secretary's letters in connection therewith, & in general conformity with the Rules.

The oil fuel compartments, water compartments, watertight bulkheads & other parts have been tested in conformity with the Rules.

The materials & workmanship are good. The vessel has been fitted for burning oil fuel F.P. above 150 F.

This vessel is a sister vessel to the "Princess Astrid," Ant. Rpt. No. 17018, and the "Princess Leopold," Ant. Rpt. No. 17178.

British Tonnage Measurements under Act 2634.21. Gross 3183.86. Net 1232.28.

See for details of
Princess Astrid

The amount of Entry Fee £ 7 = £ 1225
Special Survey Fee.... £ 234.40 = £ 4095
Tax £ 325
Travelling Expenses, if any £ 55

Fees applied for,
12 Nov 1930
Received by me,
5.12.1930

I am of opinion the Vessel should be Classed

+ 100 Ri. For service
with petroleum between Ostend & Dover
Fitted for oil fuel 10.30
F.P. above 150 F.

State whether the Vessel has been built under Special Survey

Yes

Signature

J. O. Herbert
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to

Antwerp

Date of issue

2/11/30

Committee's Minute

FRI. 21 NOV 1930

Character assigned

+ 100 Ri.

With freeboard

For service between Ostend & Dover

Lloyd's A.C.R.

+ Lmb 10, 30

72

Fitted for oil fuel 10.30 F.P. above 150 F.

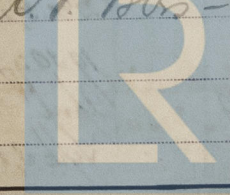
6 W.T. Bbs

2720

note
Rudder etc welded

Write file in 2/10/30

The Surveyors are requested not to write on or below the Committee's Minute.



Lloyd's Register
Foundation

004556-004563-0083 2/2

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

1st Bower *Head 1107.5 Kilon L.C. ✓ 27 April 29. Shank 465 Kilon L.C. 27/4/29*
2nd *Head 1107.5 - L.C. ✓ - - - 465 - L.C. 27.4.29*
3rd *Head 1211 - MAB 4697 20 March 30 - 441 - MAB. 4701. 20.3.30*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle 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) *2 B^{ks} 1 Stul wood sheathing, and Superstructure deck stul sheathing Loko Teak*

Official No. ; Signal Letters

Is bottom of Vessel coated with cement *Yes in S.B. space* if not give

particulars of composition *Coated with Wiler Dore Bitumastic Cement forward & aft machinery space.*

PARTICULARS OF WATER BALLAST.—

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,		
Double bottom, if under Engines only,			Deep tank, aft,	12.0	56
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	70.0	164	Other tanks, if fitted,		
	Total capacity of double bottom	164.	(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. *86*

Date

19th June 1929

Dates of Surveys held while building

*1929. July 10, 30, Aug 14, 22, 29, Sept 6, 10, 18, 27, Oct 1, 10, 16, 30, Nov 7, 21, 27, Dec 5, 12, 19, 24.
1930. Jan 5, 10, 16, 23, 27, Feb 4, 6, 14, 21, 27, March 7, 10, 13, 19, 26, April 2, 7, 9, 11, 20, April 30, May 8, 15, 20, 23, June 5, 12, 16, 20, July 2, 8, 10, 17, 14.30, Aug 7, 20, 27, Sept 3, 10, 18, 25, Oct 5, 12, 19, 21, 23, 28, 29, 30.*

Total No. of Visits

70