

Surveys 50

Builder's Name and Yard Number
Industries Ltd. No. 129

Intended Service:
Passenger, Towing, Fishing (i.e., trawling, drifting)
Yachting, or Dredging.
Bergo

Name of Ship
Boulouthros Bros Ltd.
6 Lloyds Ave. E.C.3.

Where Built
Saint, Quebec

NAME OF SHIP
(ex Fort la Cloche)
AKTI HILL

Official Number
and Port of Registry
or Nationality.
169918
London

British.
British

New or
Re-measured.

Sail, Paddle or Screw.
Steam or Motor.
Steam

Wood, Composite,
Iron or Steel.
Steel

Type of
Bottom Framing.
C.D.B.

Round of
Beam.
1:17

Year of Build
1944
Where Measured
London (at Rotterdam)

Date of
Measurement
October 1953

Area 1.		Area 2.		Area 3.		Area 4.		Area 5.		Area 6.		Area 7.		Area 8.		Area 9.		Area 10.		Area 11.		Area 12.		Area 13.	
Depths		<i>39.1</i>		<i>38.2</i>		<i>36.8</i>		<i>35.25</i>		<i>34.7</i>		<i>34.5</i>		<i>34.7</i>		<i>34.9</i>		<i>35.7</i>		<i>36.6</i>		<i>37.6</i>			
Com. Int. bet. bths.		<i>6.522</i>		<i>6.366</i>		<i>6.133</i>		<i>5.875</i>		<i>5.783</i>		<i>5.750</i>		<i>5.783</i>		<i>5.816</i>		<i>5.950</i>		<i>6.100</i>		<i>6.266</i>			
		<i>2.173</i>		<i>2.122</i>		<i>2.044</i>		<i>1.958</i>		<i>1.927</i>		<i>1.916</i>		<i>1.927</i>		<i>1.9358</i>		<i>1.983</i>		<i>2.033</i>		<i>2.088</i>			
No. of bths	Multipliers	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.	Bths.	Products.
1	1			<i>42.8</i>	<i>42.8</i>	<i>52.2</i>	<i>52.2</i>	<i>54.6</i>	<i>54.6</i>	<i>54.7</i>	<i>54.7</i>	<i>54.7</i>	<i>54.7</i>	<i>54.7</i>	<i>54.7</i>	<i>54.7</i>	<i>54.7</i>	<i>53.5</i>	<i>53.5</i>	<i>49.9</i>	<i>49.9</i>	<i>38.5</i>	<i>38.5</i>		
2	4			<i>40.5</i>	<i>162.0</i>	<i>52.5</i>	<i>210.0</i>	<i>55.3</i>	<i>221.2</i>	<i>55.4</i>	<i>221.6</i>	<i>55.4</i>	<i>221.6</i>	<i>55.4</i>	<i>221.6</i>	<i>55.4</i>	<i>221.6</i>	<i>53.75</i>	<i>215.0</i>	<i>47.9</i>	<i>191.6</i>	<i>32.9</i>	<i>131.6</i>		
3	2			<i>37.75</i>	<i>75.5</i>	<i>51.6</i>	<i>103.2</i>	<i>54.5</i>	<i>109.0</i>	<i>54.6</i>	<i>109.2</i>	<i>54.9</i>	<i>109.8</i>	<i>54.9</i>	<i>109.8</i>	<i>54.6</i>	<i>109.2</i>	<i>52.2</i>	<i>104.4</i>	<i>42.9</i>	<i>85.8</i>	<i>24.0</i>	<i>48.0</i>		
4	4			<i>33.25</i>	<i>133.0</i>	<i>50.8</i>	<i>203.2</i>	<i>54.5</i>	<i>218.0</i>	<i>54.6</i>	<i>218.4</i>	<i>54.9</i>	<i>219.6</i>	<i>54.9</i>	<i>219.6</i>	<i>54.55</i>	<i>218.2</i>	<i>50.75</i>	<i>203.0</i>	<i>36.7</i>	<i>144.8</i>	<i>14.3</i>	<i>57.2</i>		
5	2			<i>29.0</i>	<i>58.0</i>	<i>49.5</i>	<i>99.0</i>	<i>54.4</i>	<i>108.8</i>	<i>54.55</i>	<i>109.1</i>	<i>54.6</i>	<i>109.2</i>	<i>54.9</i>	<i>109.8</i>	<i>54.9</i>	<i>109.8</i>	<i>54.1</i>	<i>108.2</i>	<i>47.4</i>	<i>94.8</i>	<i>29.7</i>	<i>59.8</i>	<i>7.6</i>	<i>15.2</i>
6	4			<i>23.0</i>	<i>92.0</i>	<i>45.9</i>	<i>183.6</i>	<i>54.3</i>	<i>217.2</i>	<i>54.5</i>	<i>218.0</i>	<i>54.6</i>	<i>218.4</i>	<i>54.9</i>	<i>219.6</i>	<i>54.9</i>	<i>219.6</i>	<i>52.75</i>	<i>211.0</i>	<i>41.9</i>	<i>167.6</i>	<i>23.2</i>	<i>92.8</i>	<i>4.2</i>	<i>16.8</i>
7	1			<i>10.6</i>	<i>10.6</i>	<i>32.3</i>	<i>32.3</i>	<i>45.0</i>	<i>45.0</i>	<i>45.5</i>	<i>45.5</i>	<i>45.9</i>	<i>45.9</i>	<i>46.0</i>	<i>46.0</i>	<i>46.0</i>	<i>46.0</i>	<i>44.1</i>	<i>44.1</i>	<i>27.7</i>	<i>27.7</i>	<i>11.9</i>	<i>11.9</i>	<i>2.8</i>	<i>2.8</i>
a.	25																								
b.	100																								
c.	50																								
d.	100																								
e.	25																								
1/3 Com. int. bet. bths.		<i>573.9</i>		<i>883.5</i>		<i>973.8</i>		<i>979.5</i>		<i>980.4</i>		<i>981.1</i>		<i>977.1</i>		<i>964.0</i>		<i>866.0</i>		<i>638.6</i>		<i>310.1</i>			
		<i>2.17</i>		<i>2.12</i>		<i>2.04</i>		<i>1.96</i>		<i>1.93</i>		<i>1.92</i>		<i>1.93</i>		<i>1.94</i>		<i>1.98</i>		<i>2.03</i>		<i>2.09</i>			
		<i>1245.363</i>		<i>1873.020</i>		<i>1986.552</i>		<i>1919.820</i>		<i>1892.172</i>		<i>1883.712</i>		<i>1885.803</i>		<i>1870.160</i>		<i>1714.680</i>		<i>1296.358</i>		<i>6148.109</i>			

Cubic Contents and Under-deck Tonnage.				Between Decks to				Between Decks to			
Length on Tonnage Deck.				Mean length				Mean length			
<i>438.2</i>											
Com. int. bet. areas				Com. int. bet. bths.				Com. int. bet. bths.			
<i>36.52</i>											
<i>12.172</i>											
No. of areas	Multipliers	Areas.	Products.	No. of bths.	Multipliers	Bths.	Products.	No. of bths.	Multipliers	Bths.	Products.
1	1			1	1			1	1		
2	4	<i>1245.36</i>	<i>4981.44</i>	2	4			2	4		
3	2	<i>1873.02</i>	<i>3746.04</i>	3	2			3	2		
4	4	<i>1896.55</i>	<i>7946.20</i>	4	4			4	4		
5	2	<i>1919.82</i>	<i>3839.64</i>	5	2			5	2		
6	4	<i>1892.17</i>	<i>7568.68</i>	6	4			6	4		
7	2	<i>1883.71</i>	<i>3767.42</i>	7	2			7	2		
8	4	<i>1885.80</i>	<i>7543.20</i>	8	4			8	4		
9	2	<i>1870.16</i>	<i>3740.32</i>	9	2			9	2		
10	4	<i>1714.68</i>	<i>6858.72</i>	10	4			10	4		
11	2	<i>1296.36</i>	<i>2592.72</i>	11	2			11	2		
12	4	<i>6148.11</i>	<i>2592.44</i>	12	4			12	4		
13	1			13	1			13	1		
1/3 Com. int. bet. areas				1/3 Com. int. bet. bths.				1/3 Com. int. bet. bths.			
<i>55176.82</i>											
<i>12.17</i>											
<i>671501.8994</i>											
<i>6715.02 TONS</i>											
Height				Height				Height			

All measurements to be in feet and decimals of a foot.

Erections :- *Trunk* Tons
5.0 x 20.0 x 10.5 = 10.50

Round Houses Tons

R.H.1. - On Shelter Deck (First House)
5.5 x 20.0 x 7.5 = 8.25

less Vents
2.25 x 3.5 x 7.5 x (4) = 2.36

Recess Aft
1.2 x 3.9 x 3.8 = .18 = 2.88

Trunk
2.4 dia. x 7.5 = .34

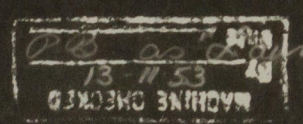
R.H.2. - On Shelter Deck (Officers Accom)
28.2 x 44.0 x 7.3 = 90.58

less Officers W.C.
5.2 x 2.4 x 7.3 = .91

Hospital W.C.
2.5 x 4.5 x 7.3 = .82 = 2.19

Access to Hold
2.5 x 2.5 x 7.3 = .46

TONS		Under Deck.	
<i>6715.02</i>		Between.....decks.	
		Between.....decks.	
<i>10.50</i>		Trunk.	
		Forecastle.	
		Bridge.	
		Break.	
		Poop.	
		Side Houses.	
<i>290.02</i>		Deck Houses.	
		Chart House.	
<i>60.90</i>		Light and Air Spaces.	
<i>46.98</i>		Excess of Hatchways.	
<i>7123.42</i>		Gross Tonnage.	
<i>2279.49</i>		Allowance for Propelling Power.	
<i>4843.93</i>		Allowance for Crew Space.	
<i>317.93</i>		Deduction under Section 79.	
<i>4526.00</i>		Register Tonnage.	
<i>120.94</i>			
<i>4405.06</i>			



Signature of Surveyor.
B. Langdon
Signature of Examiner.
W. Smith
Register
13 MAR 1954
10.50

Cape Breton



© 2021

Lloyd's Register
Foundation

0085 1/2

In the case of steam or motor vessels the engine-room measurements and the calculations for the allowance for propelling power are to be given in detail below.

Position of engine-room:—

Engine-room bulkhead is..... feet (forward) (aft) of area.....
Boiler do. do. " (forward) (aft) " "

Identification Dimensions.

Length.	Breadth.	Depth.
<i>424.7</i>	<i>57.2</i>	<i>34.9</i>

Machinery Spaces.

TONS

Light and Air Spaces.

S.59

S.117

Erections (contd.)

TONS

Merchant Shipping Act, 1907.

Tons.

Gross Tonnage

Deductions under Section 79 viz.:—

1. Crew space

2. Other deductions

Remainder

Multiplier for percentage

Tons.

Limit of allowance for propelling power

Exempted Spaces.

Round House (Contd.)

TONS

R.H.6 On R.H.2.

183 x 23.2 x 7.3 = 30.99

less
Trunk B.W.C.

64 x 6.7 x 7.3 = 3.13

1.9 x 1.8 x 7.3 = .25

Stairs down
3.4 x 2.3 x 7.3 = .57

R.H.7 on R.H.3.

9.6 x 26.2 x 7.4 = 18.61

+ 14.1 x 23.4 x 7.4 = 7.10

less W.C.'s
4.1 x 2.4 x 7.4 x (2) = 1.46

R.H.8 on R.H.6

25.4 x 14.7 x 7.3 = 27.26

+ 3.5 x 3.0 x 7.3 = 1.54

less Stairs down
2.3 x 4.4 x 7.3 = .74

Wheelhouse
9.9 x 14.7 x 7.3 = 10.62

+ 3.5 x 3.0 x 7.3 x (2) = 1.54

Summary of Round House

1 = 537

2 = 88.39

3 = 84.63

4 = 5.55

5 = 38.89

6 = 27.04

7 = 24.25

8 = 15.90

290.02 TONS

Engine Room Lower

50.0 x 54.9 x 25.45 = 698.22

Thrust Recess Aft

9.9 x 8.5 x 11.2 = 9.42

Engine Room Upper

50.0 x 20.0 x 9.4 = 94.00

Shaft Tunnel

107.5 x 5.0 x 5.55 = 29.83

+ 107.5 x 5.0 dia. x (2) = 10.56

+ 9.9 x 3.5 x 11.2 = 3.88

+ 2.5 x 12.0 x 11.2 = 33.6

Tail Shaft Recess

23.0 x 7.2 x 9.3 = 15.40

Tunnel Escape

2.5 x 2.5 x 28.0 = 1.75

2.5 x 2.5 x 24.0 = 1.50

Settling Tanks

15.0 x 11.7 x 5.9 x (2) = 20.70

less

Auxiliary Condenser

3.1 dia x 7.4 = .56

Steam Generator

6.5 x 2.5 x 5.2 x (2) = 1.70

Switchboard

1.6 x 5.1 x 7.0 = .57

lub. Oil Tanks

1.5 dia x 4.8 x (4) = .32

3 dia x 4.8 x (2) = .68

Engine Store

7.5 x 17.5 x 12.7 = 16.67

868.12

Less Air = 60.90

929.02

929.02 = 13.04%

7123.42

P.P.A. = 7123.42 x .32 = 2279.49 TONS

Engine Casing

29.0 x 20.0 x 7.5 = 43.50

Engine Casing (R.H.3)

29.0 x 20.0 x 3.0 = 17.40

Boiler Run Casing

16.0 x 20.0 x 10.5 = 33.60

E. Run. Highlight

15.0 x 12.0 x 2.0 = 3.60

Tunnel Escape

2.5 x 2.5 x 7.5 = .94

99.04

60.90

Hatchways.

To Brown Store

3.5 x 2.5 x 2.0 = .18

① 33.75 x 20.0 x 2.5 = 16.88

② 35.0 x 20.0 x 2.5 = 17.50

③ 15.0 x 20.0 x 2.5 = 7.50

④ 8.0 x 20.0 x 2.5 = 4.00

⑤ 35.0 x 20.0 x 2.5 = 17.50

⑥ 35.0 x 20.0 x 2.5 = 17.50

Ex Bunker Hatchways Upper Deck

7.25 x 4.0 x 2.25 = .65

Hatch to Trunk

18.0 x 4.0 x .8 = .58

Hatch to Store Aft

1.8 x 2.0 x 2.0 = .07

82.36

1/2% Gross = 35.38

Excess = 46.98

Round House (Contd.)

R.H.3 - On Shelter Deck

(Engine Room Account)

38.5 x 44.0 x 7.3 = 123.66

less
Boiler Room Shop floor

2.8 x 2.6 x 7.3 = .53

+ 10.8 x 5.4 x 7.3 = 4.26

less Engine Casing

28.0 x 20.0 x 7.3 = 40.88

Engineers W.C.

2.7 x 4.4 x 7.3 = .87

Stewards W.C.

2.6 x 5.1 x 7.3 = .97

Tunnel Escape

2.5 x 2.5 x 7.3 = .46

Native Shelter W.C.

3.5 x 2.5 x 7.3 = .64

R.H.4 - On Shelter Deck

(Main House at main mast)

20.0 x 5.5 x 7.5 = 8.25

less Vento

2.25 x 3.5 x 7.5 x (4) = 2.36

less
main

2.4 dia x 7.5 = .34

R.H.5 - On Shelter Deck - Aft

24.9 x 21.0 x 7.3 = 38.17

+ 14.1 x 13.6 x 7.3 = 14.00

less Stairs down

4.2 x 2.6 x 7.3 = .80

less Stewards W.C.'s

2.5 x 4.4 x 7.3 = .80

4.8 x 2.5 x 7.3 = .88

less Stewards W.C.'s

2.5 x 5.0 x 7.3 = .91

5.5 x 2.5 x 7.3 = 1.00

Native Shelter & T. Escape

5.8 x 21.0 x 7.3 = 8.89

52.17

38.89

13.28

91.00