

1 or 2 Dks., R.Q.Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

No. 17001  
JULY 20 1905

State of Report is also sent on the Machinery of the Vessel. *See Sld. 22311*  
Date of completion of Report *8th July 1905.*  
Date, First Survey *January 31st*  
Port of Hull  
Last Survey *June 27th 1905*  
Rig *Schooner*

Survey held at *Gool*  
On the *Steel Screw Steamer*

**SUNNISIDE.**  
**ONE OR TWO DECKED VESSEL.**  
**CLASS 100 A1.**

Master *D. Langham*  
Year of appointment *1905*  
Built at *Gool*  
When built *1905* Launched *20th May*  
By whom built *Gool Shipbuilding & Repairing Co. Ltd.*  
Owners *The Wear Steamship Co. Ltd.*  
Managers  
Residence *Dundeland.*  
Port belonging to *Dundeland.*  
If Surveyed while Building, Afloat, or in Dry Dock *Yes.*

TONNAGE under  
Tonnage Deck... *316.82*  
Do. of Poop  
Do. of Raised Gr. *53.41*  
Dk. or Break... *15.77*  
Do. of Bridge House *14.94*  
Do. of Forecastle *3.63*  
Do. of Houses on Deck *14.73*  
Do. of excess of Hatchways *24.60*  
Do. above Crown of *446.90*  
Engine Room *31.51*  
Gross Tonnage *31.51*  
Space  
Crown of *24.60*  
Room *367.79*  
OR FEES... *243.39*  
Room *11.68*  
tion Spaces *24.60*  
Tonnage *149.23*  
Beam...

on Deck as Feet. Inches. **BREADTH**—Feet. Inches. **DEPTH, ACTUAL**—Feet. Inches. No. of Decks with Flat laid *On*  
Moulded... *150 11 1/2* Moulded... *25 6* Top of Floors to top of Main Deck Beams... *10 8 1/2* No. of Tiers of Beams *On*  
of Ship per Register, Length, *152-0* breadth, *25-6* depth, *10-77* Moulded Depth, *12 ft. 9 ins.* Round of Beam, Actual *6 1/2 ins.*

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule Approved.	20ths per Rule Approved.
Angles, <i>1/2" x 3"</i> for $\frac{1}{2}$ length amidships <i>In way of R.Q.D.</i>		<i>4 1/2</i>	<i>3</i>	<i>5</i>	<i>4 1/2</i>	<i>3</i>	<i>5</i>
ay of Double Bottoms at Solid Floors.		<i>4 1/2</i>	<i>3</i>	<i>9.8</i>	<i>4 1/2</i>	<i>3</i>	<i>9.8</i>
" at intermdt. Bkts.		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
Frames from centre to centre		<i>21</i>			<i>21</i>		
ED FRAME, Angles <i>In 2 angles</i>		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
AMING, depth of girder		<i>4 1/2</i>			<i>4 1/2</i>		
depth and thickness of Floor Plate mid-line for $\frac{1}{2}$ length amidships		<i>14</i>	<i>8.7, 8.8</i>	<i>14</i>	<i>7</i>	<i>8</i>	
ay of Engines and Boilers		<i>5</i>			<i>5</i>		
kness at the ends of vessel		<i>31</i>	<i>6</i>	<i>31</i>	<i>6</i>		
h at $\frac{1}{2}$ the half breadth, as per Rule		<i>21</i>			<i>21</i>		
ht extended at the Bilges		<i>31</i>	<i>6</i>	<i>31</i>	<i>6</i>		
BRACKETS, in Cell Dble Bottoms		<i>21</i>			<i>21</i>		
" state if flanged (top & bottom)		<i>31</i>	<i>8</i>	<i>31</i>	<i>8</i>		
Spacing		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
GIRDER, in Double Bottom, depth and thickness		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Angles, Top		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Bottom		<i>7</i>			<i>7</i>		
ERS, number on each side & thickness state if flanged (top & bottom)		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
Angles		<i>29</i>	<i>6</i>	<i>29</i>	<i>6</i>		
PLATE, depth (exclusive of flange) and thickness		<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>3</i>	<i>7</i>
Angles to Outside Plating		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
Floors		<i>35</i>			<i>35</i>		
Height of Floors at the Bilges		<i>32</i>	<i>9.8</i>	<i>32</i>	<i>9.8</i>		
OTTOM PLATING, breadth and thickness of Middle Line Strake		<i>5</i>	<i>3</i>	<i>6</i>	<i>5</i>	<i>3</i>	<i>6</i>
thickness in Engine and Boiler space		<i>21</i>			<i>21</i>		
" Remainder in Holds		<i>4 1/2</i>	<i>3</i>	<i>7</i>	<i>4 1/2</i>	<i>3</i>	<i>7</i>
ain and Raised Quarter Deck, Angle, Bulb Angle, Plate or Tee Bulb		<i>5 1/2</i>	<i>3</i>	<i>8</i>	<i>5 1/2</i>	<i>3</i>	<i>8</i>
Angles on Upper Edge		<i>42</i>			<i>42</i>		
ing		<i>5 1/2</i>	<i>3</i>	<i>8</i>	<i>5 1/2</i>	<i>3</i>	<i>8</i>
ower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		<i>42</i>			<i>42</i>		
Angles on Upper Edge		<i>42</i>			<i>42</i>		
acing		<i>42</i>			<i>42</i>		
old, Plate or Tee Bulb		<i>42</i>			<i>42</i>		
Angles on Upper Edge		<i>42</i>			<i>42</i>		
acing		<i>42</i>			<i>42</i>		
oop Deck, Angle, Bulb Angle, Plate or Tee Bulb		<i>42</i>			<i>42</i>		
Angles on Upper Edge		<i>42</i>			<i>42</i>		
acing		<i>42</i>			<i>42</i>		
ridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb		<i>42</i>			<i>42</i>		
Angles on Upper Edge		<i>42</i>			<i>42</i>		
acing		<i>42</i>			<i>42</i>		
orecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		<i>42</i>			<i>42</i>		
Angles on Upper Edge		<i>42</i>			<i>42</i>		
Spacing		<i>42</i>			<i>42</i>		
RS, In 'tween Decks, Size and Spacing		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" Hold		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" Quarter, 'tween Dks.,		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" in Hold		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
WEB FRAMES, In Fore Body, No. and Spacing		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" No. of Side Stringers		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
WEB FRAMES, In E. & B. Space, No. & Spacing		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" Brdth. & Thickness		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
WEB FRAMES, In After Body, No. and Spacing		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" Brdth. & Thickness		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" No. of Side Stringers		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
" Size of Angles or Tee Bars to Web Frames		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness		<i>25 1/4</i>	<i>42</i>	<i>25 1/4</i>	<i>42</i>		

FORGINGS AND CASTINGS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule Approved.	20ths per Rule Approved.
KEEL, Bar or Side Plates depth and thickness		<i>6 1/4 x 1 3/8</i>			<i>6 1/4 x 1 3/8</i>		
STEM, moulding and thickness		<i>6 1/2 x 3/4</i>			<i>6 1/2 x 3/4</i>		
STERN-POST for Rudder do. do. for Propeller		<i>4 1/4</i>			<i>4 1/4</i>		
MAIN PIECE of Rudder, diameter at head do. at heel		<i>3 1/4 x 2 3/4</i>			<i>3 1/4 x 2 3/4</i>		
RUDDER, how constructed <i>Forged iron frame, plated.</i> Can the Rudder be unshipped afloat? <i>Yes</i>							
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule Approved.	20ths per Rule Approved.
CENTRE LINE KEELSON, Vertical Plate above <i>Through Plate, Intercoastal Plate</i>		<i>23</i>		<i>7</i>	<i>23</i>		<i>7</i>
" Rider Plate		<i>10 1/2</i>		<i>7</i>	<i>10 1/2</i>		<i>7</i>
" Bulb Plate to Intercoastal Keelson		<i>5 1/2</i>	<i>3</i>	<i>10</i>	<i>5 1/2</i>	<i>3</i>	<i>10</i>
" Horizontal Plates on Floors <i>on each of 2 plates</i>		<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>	<i>8</i>
" Angles <i>(Bulb)</i>		<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>	<i>8</i>
SIDE KEELSON, Angle <i>(Single)</i>		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
" Bulb or Plate above floors for <i>on each of 2 plates</i>		<i>7 1/2</i>		<i>6</i>	<i>7 1/2</i>		<i>6</i>
" Intercoastal Plate for <i>full length</i>		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Attached to outside plating with Angle		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
BILGE KEELSON, Angles		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
" Bulb or Plate above floors for <i>full length</i>		<i>7 1/2</i>		<i>6</i>	<i>7 1/2</i>		<i>6</i>
" Intercoastal Plate for <i>full length</i>		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Attached to outside plating with Angle		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
BILGE STRINGER Angles <i>(Single)</i>		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
" Bulb Plate for <i>full length</i>		<i>7 1/2</i>		<i>6</i>	<i>7 1/2</i>		<i>6</i>
" Intercoastal Plate for <i>full length</i>		<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Attached to outside plating with Angle		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
SIDE STRINGER Angles <i>(Single)</i>		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
" Bulb or Intercoastal Plate for <i>full length</i>		<i>7 1/2</i>		<i>6</i>	<i>7 1/2</i>		<i>6</i>
" Attached to outside plating with Angle		<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		<i>62</i>	<i>8</i>	<i>62</i>	<i>8</i>		
" Angle on ditto		<i>3 x 3</i>	<i>7</i>	<i>3 x 3</i>	<i>7</i>		
" Tie Plates fore & aft, outside Hatchways		<i>8-6</i>		<i>8-6</i>			
" Diagonal Tie Plates on Bms., No. of Pairs		<i>8-6</i>		<i>8-6</i>			
" Main Dk* <i>Iron</i> Steel for <i>full length</i>		<i>8-6</i>		<i>8-6</i>			
" R. Q. Dk* <i>Iron</i> Steel for <i>full length</i>		<i>8-6</i>		<i>8-6</i>			
" Wood Deck, Material & thickness		<i>8-6</i>		<i>8-6</i>			
Lower Deck Stringer Plate, breadth and thickness		<i>8-6</i>		<i>8-6</i>			
" Angles on ditto, No.		<i>8-6</i>		<i>8-6</i>			
" Tie Plates, outside Hatchways		<i>8-6</i>		<i>8-6</i>			
" Deck* Material and thickness		<i>8-6</i>		<i>8-6</i>			
Hold Stringer Plate		<i>8-6</i>		<i>8-6</i>			
" Angles on ditto, No.		<i>8-6</i>		<i>8-6</i>			
Poop Deck Stringer Plate, breadth & thickness		<i>8-6</i>		<i>8-6</i>			
" Angle on ditto		<i>8-6</i>		<i>8-6</i>			
" Tie Plates		<i>8-6</i>		<i>8-6</i>			
" Deck, Material and thickness		<i>8-6</i>		<i>8-6</i>			
Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness		<i>21</i>	<i>6</i>	<i>21</i>	<i>6</i>		
" Angle on ditto		<i>2 1/2 x 2 1/2</i>	<i>5</i>	<i>2 1/2 x 2 1/2</i>	<i>5</i>		
" Tie Plates		<i>6</i>		<i>6</i>			
" Deck, Material and thickness P.P.M.		<i>3</i>		<i>3</i>			
Forecastle Deck Stringer Plate, brdth & thcknss		<i>21</i>	<i>6</i>	<i>21</i>	<i>6</i>		
" Angle on ditto		<i>3 x 3</i>	<i>6</i>	<i>3 x 3</i>	<i>6</i>		
" Tie Plates <i>Center plate</i>		<i>48</i>	<i>5</i>	<i>48</i>	<i>5</i>		
" Deck, Material and thickness P.P.M.		<i>3</i>		<i>3</i>			

BULKHEADS.		Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up.
In Vessel.	Per Rule.	16ths or 20ths.	Size.	Spacing.	Size.	Spacing.	
W.T. BULKHEADS	<i>3</i>	<i>3</i>	<i>5/16</i>	<i>3 x 3 x 20</i>	<i>48</i>	<i>20</i>	<i>48 Dble Dk</i>
PARTITION	<i>1</i>	<i>1</i>	<i>5/16</i>	<i>3 x 2 1/2 x 20</i>	<i>30</i>	<i>20</i>	<i>30 high Dk</i>
LONGITUDINAL	<i>1</i>	<i>1</i>	<i>5/16</i>	<i>3 x 2 1/2 x 20</i>	<i>30</i>	<i>20</i>	<i>30 high Dk</i>

Are the outside Plates doubled two spaces of Frames in length? *Diamond plates fitted*  
Are the Stairs Valves and Watertight Doors in efficient working order? *Yes*



