

With or Without
Disconnected Erections.

STEEL STEAMER.

THU. JUL. 24. 1913
Received at London Office

Date of completion of report
Survey held at

23-7-13

Port of

Hue

Last Survey

No. 26515

1913.

On the (State if Single, Twin or Triple Screw)

Single Screw

DERNES

CLASS 100. A

Master

Sam Mathiesen

Year of appointment

(1) As Master in service of
owner of present vessel: 1913
(2) As Master of this
vessel: 1913

Built at

Goole

When built

1913

By whom built

Goole S. B. & R. Co., Ltd.

Owners

Aktieselskabet "Dampskibet Dernes"

Managers

Magnus Lisch

Residence

Bodo

Port belonging to

Bodo

TONNAGE under	606.26
Tonnage Deck	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop	
Do. of R.Q.Dk.	
Do. of Bridge Houses (Side)	10.30
Do. of Forecastle	18.57
Do. of Houses on Dk. (Round)	24.64
Do. of excess of Hatchways	18.66
Do. above Crown of Engine Room	47.88
Gross Tonnage	726.11
Less Crew Space	40.31
Less above Crown of Engine Room	47.88
AGE FOR FEES	637.92
Engine Room	300.93
Navigation Spaces	33.77
Master Tonnage out on Beam	351.10

Breadth (greatest moulded)	29.87
Depth, at middle of length from top of keel to top of upper deck beams at side	15.58
Transverse Number	45.45
Length on deck from fore part of stem to after part of stern post	190
Longitudinal Number	8635
Depth "d," at middle of length (See Secs. 2 & 13)	13.0
Proportions—Depth to Length—Upper Deck Beam at side to top of keel	12.2
Long Bridge Deck Beam at side to top of keel	8.4

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

Length on Deck as per Rule	190	0	BREADTH Moulded	29	10 1/2	DEPTH, ACTUAL	Top of Floors to top of Upper Dk. Beams	14	7 1/2	No. of Decks with flat laid	one	No. of Tiers of Beams	one
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Moulded depth, ft. 22 ins. 7 To Bridge Dk. Round of Upper Dk. Beam, Actual 1 1/2 ins.
Moulded depth, ft. 15 ins. 7 To Upper Dk. Dk. Beam, Actual 1 1/2 ins.

FRAMING.				PILLARS.				KEELSONS & STRINGERS.			
FRAME, Angles, or E or L Bars amidships	5 1/2	3	34 5/2	3	34	PILLARS, In 'tween Deck, size and spacing	2 1/4	45	2 1/4	45	
Do. in peaks	5	3	34 5/2	3	34	" " Hold	3	45	3	45	
Do. in way of Double Bottoms at Solid Floors	3	3	30 3	3	30	Quarter 'tween Dks., " "					
" " " " " " " " " " " "	5 1/2	3	32 5/2	3	32	" " in Hold					
Spacing of Frames from centre to centre amidships	22 1/2		22 1/2			KEELSONS & STRINGERS.					
" " " " " " " " " " " "	22 1/2		22 1/2			CENTRE LINE KEELSON, Vertical Plate above	22 1/2	36	22 1/2	36	
" " " " " " " " " " " "	22 1/2		22 1/2			Through Plate, or Intercoastal Plate					
Reversed Frame, Angles	3	3	30 3	3	30	Rider Plate	3 1/2	3 1/2	40	3 1/2	3 1/2
Do. in way of Double Bottoms at Solid Floors	3	3	30 3	3	30	Flat Plate Keel Angles	12	36	12	36	
" " " " " " " " " " " "	5 1/2	3	32 5/2	3	32	Horizontal Plates on Floors	4	3	34	4	3
FRAMING, depth of girder	19		19			Angles or Bulb Angles	4	1	1	34	
LOOKS, depth and thickness of Floor Plate at mid-line for length amidships	38 1/4	44	38 1/4	44		SIDE KEELSONS, Number	4	3	34	4	3
" " " " " " " " " " " "	30		30			Angles or Bulb Angles					
" " " " " " " " " " " "	21		21			Plate above floors, for length	32		32		
LOOKS in Cell, Double Bottoms	31		30 31	30		Intercoastal Plate, for length	3	3	32	3	32
" " " " " " " " " " " "	no		no			Attached to outside Plating with Angle	4	3	34	4	3
" " " " " " " " " " " "	every 3rd frame					BILGE KEELSON, Angles	3	3	32	3	32
ENTRE GIRDER, in Dbl. bottom, dpth. & thickness	31		38 31	38		Intercoastal Plate for length	3	3	32	3	32
" " " " " " " " " " " "	3	3	36 3	3	36	Attached to outside Plating with Angle	3	3	32	3	32
" " " " " " " " " " " "	2	3 1/2	40 3 1/2	3 1/2	40	SIDE STRINGERS, Number					
" " " " " " " " " " " "	3	3	30 3	3	30	" " Angle					
" " " " " " " " " " " "	24		30 24	30		Intercoastal Plate, for length					
" " " " " " " " " " " "	1		28 1	28		Attached to outside plating with Angle					
SIDE GIRDERS, number on each side & thickness	no		no			Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	46	44	46	44	
" " " " " " " " " " " "	3	3	30 3	3	30	" " " " " " " " " " " "	46	34	46	34	
" " " " " " " " " " " "	2 1/2	2 1/2	30 2 1/2	2 1/2	30	" " " " " " " " " " " "	3 1/2 x 3 1/2	46	3 1/2 x 3 1/2	46	
MARGIN PLATE, depth (exclusive of flange) and thickness	21		32 21	32		" " " " " " " " " " " "	steel		steel		
" " " " " " " " " " " "	3	3	32 3	3	32	Deck, Iron or Steel, for full lug	30		30		
" " " " " " " " " " " "	3	3	30 3	3	30	" " " " " " " " " " " "	34		34		
" " " " " " " " " " " "	24		30 24	30		" " " " " " " " " " " "					
" " " " " " " " " " " "	5		15			Second Deck Stringer Plate, br'dth & thickness					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	31		36 31	36		" " " " " " " " " " " "					
" " " " " " " " " " " "	30		30			" " " " " " " " " " " "					
" " " " " " " " " " " "	5 1/2	3	34 5 1/2	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	5	3	34 5	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	22 1/2		22 1/2			" " " " " " " " " " " "					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	34 5 1/2	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	5	3	34 5	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	22 1/2		22 1/2			" " " " " " " " " " " "					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	34 5 1/2	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	5	3	34 5	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	22 1/2		22 1/2			" " " " " " " " " " " "					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	34 5 1/2	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	5	3	34 5	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	22 1/2		22 1/2			" " " " " " " " " " " "					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	3	34 5	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	5	3	34 5	3	34	" " " " " " " " " " " "					
" " " " " " " " " " " "	22 1/2		22 1/2			" " " " " " " " " " " "					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3	44 7	3	44	" " " " " " " " " " " "					
" " " " " " " " " " " "	7	3	44 7	3	44	" " " " " " " " " " " "					
" " " " " " " " " " " "	45		45			" " " " " " " " " " " "					

GENERAL REMARKS—(continued).

WEB FRAMES, In Fore

No. of Side Strin

WEB-FRAMES, In E. & F

No. of Side Strin

WEB-FRAMES, In After

No. of Side Strin

Size of Face Angle

BRACKET PLATES to Web Frames, depth and

BULKHEADS.

No. of Vessel

W.T. BULKHEADS

" COLLISION "

PARTITION "

LONGITUDINAL "

Are the outside Plates d

Are the Sluice Valves an

STRAKES.

FLAT PLATE KEEL....

(If Bar Keel, state riveting)

GARBOARD OR A STR

State actual thickness in way of Double Bottom.

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

U. Sheer

B. Sheer

THICKNESS OF SHEER

CLEAR OF LONG B

Do. OF STRAKES

DBLG. OF FLAT PL

" Sheers

Length and this

POOP SIDES....

SHORT BRIDGE

FORECASTLE S

Upper Deck

Stringer Pla

Second Deck

Stringer Pla

FRAMES ex

REVERSED

LOWER MA

Bottom

Topmasts, &

Rigging, Mate.

Sails.

CHAIN CABLES.

No. of Chain Cables

Length of Chain Cables

Weight of Chain Cables

Material of Chain Cables

Condition of Chain Cables

Particulars for Record in the REGISTER BOOK.—Length of Poop 180 ft., R.Q.D. ✓ ft., Bridge 585 ft., Forecastle 23 ft.

(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given in the Register Book) 1 Pl. (Steel)

Official No. : Signal Letters.

State if Machinery is fitted aft No

How are the surfaces preserved from oxidation? Inside Cement & Paint Outside Paint

PARTICULARS OF WATER BALLAST. State whether the Double bottom is constructed on the cellular system or with girders on floors. Cellular

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft.	36	28	Fore peak tank.	16.4	43
Double bottom, under Engines and Boilers.	✓	✓	After peak tank.	15.6	10
Double bottom, if under Engines only.	✓	✓	Deep tank, aft.	✓	✓
Double bottom, if under Boilers only.	✓	✓	Deep tank, forward.	✓	✓
Double bottom, forward.	79	104	Other tanks, if fitted.	✓	✓
Total capacity of double bottom.	135	135			

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 1967

Date 22/11/12

No. 155 in builder's yard.

DATES of Surveys held while building

1912: Oct. 3. 18. 22. 30 Nov. 4. 13. 20. 25. 28. Dec. 5. 9. 12. 16. 18. 23. 28 1913: Jan. 15. 22. 27. 31. Feb. 7. 13. 14. Mar. 5. 10. 12. 13. 17. 28. 31. Apr. 2. 7. 8. 15. 16. 18. 28. May 2. 3. 6. 8. 15. 19. 26. 28. Jun. 2. 3. 11. 13. 20. 27. 30 July 2. 4. 7. 11. 12. 15. Jul. 17. 18. 21. 22

Surveyor's Signature G. Demarest

Total No. of Visits 64

4.

Writing Report

Survey held

Book.

up the

es made at

rs made at

tered Horse P

Horse Power a

INES, &c.

of Cylinders

ie screw shaft

he propeller b

een the bearing

rs are fitted, is

. of Tunnel shaft

lars 7 7/8" I

. of Feed pump

. of Bilge pump

. of Donkey En

Engine Room.

. of Bilge Injecti

re all the bilge su

re all connection

re they fixed suff

re they each fitte

What pipes are

Are all Pipes, C

Are the Bilge Su

Dates of examin

Is the Screw Sh

OILERS,

Total Heating

Working Pres

Can each boiler

each boiler tw

Smallest distanc

Thickness 1 1/2

long. seams 7

Per centages of

Size of compen

Length of plat

Working press

Pitch of stays

Material of s

Material S

Area

Diameter at

Thickness 1 1/2

Diameter of

Pitch across

thickness of

Working p

separately

holes ✓

If stiffened

Working p