

STEEL STEAMER or MOTORSHIP.

11 SEP 1930

Received at London Office

State if Report has been sent on the Freeboard of the Vessel noState if Report is sent on the Machinery of the Vessel yes

Date of completion of report

12/8.30

Port of

Oslo

No.

3505

Survey held at

Fredrikstad

Date First Survey

17/4.1929

Last Survey

8/8

1930

On the

(State if Machinery Fitted Aft and
if Single, Twin or Triple Screw)

Twin Screw Motor Vessel "DANWOOD"

State Type

(Full Scantling, Complete Superstructure
with or without Tonnage Openings)

Full scantling

State Type of Erections

Bridge & forecastle

TONNAGE under
Tonnage Deck...

4561.54

CLASS * 100 A1State if with freeboard
as condition of ClassnoBuilt at FredrikstadDo. of space or spaces
between Tonnage Dk.
er Dk.

6399.7

Tonnage

3764.41

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

FEET.

L 385

Breadth (greatest moulded)

B 60

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

D 29

1st Longitudinal Number (L x D) = 11165

2nd Numeral L x (B + D) = 34265

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

7.79m

Proportions—Depth to Length—Uppermost con-
tinuous deck to top of keel

13.27m

Do. Long Bridge to top
of keel

Draught Moulded

25'-2 3/8"

Launched 4-1-1930

Yard No. 255

Builders %s. Fredrikstad msk. NørskesOwners %s. DanwoodManagers Danishert Smith

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

Residence OsloPort of Registry Oslo

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	700		Bracket Floors, Frame	8 3 1/2 39	
" from 3/4 length to Collision bulkhead	685		" " Reversed Frame	8 3 35	
" in peaks	660		" " Vertical Struts	8 3 35	
MIDSHIP.			Centre Girder, depth and thickness amidships	10 1/2 12.75	
amidships, Angle, [or]	12 3 1/2 62		" " top Angles	3 1/2 3 1/2 50	
" Extends up to	main deck		" " bottom Angles	4 4 54	
Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	Two, 10.5	
" Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	910 12.25	
Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	3 1/2 3 1/2 40	
Uppermost Continuous 'tween Decks, Angle, [or]	✓		" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	3 1/2 3 1/2 40	
Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	contin. 9.5	
Third " " " "	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	contin. 9.5	
In Peaks, Angle, [or]	8 3 35		Tank Side Brackets, height above base line at toe of Frame and thickness	765 11	
and Spacing of Rivets through Frame and Shell Plating amid- ships	7/8 6 1/4		INNER BOTTOM PLATING.		
Frame Joggled	yes		Breadth and thickness of Middle Line Strake	1450 12.25	
ARRANGEMENTS (Sec. 7), state system and particulars	6 7 3 1/2 66		Thickness of remainder in Holds	10.25	
DOUBLE BOTTOM FOR			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?	yes	
State Particulars			BEAMS.		
TTOM.			Uppermost Continuous Deck, amidships	9 3 1/2 42	
Depth and thickness at mid-line in Holds	✓		" " in Wells, Angle, [or]	9 3 1/2 40	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle, [or]	9 3 1/2 42	
Keelson, on Floors, Angles, E or [✓		Spacing	4 4 60	
" Through Plate or Intercostal Plate	✓		Second Deck, amidships, Angle, [or]	600 100 (see below)	
" Foundation Plate on Floors	✓		Spacing	✓	
" Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, [or]	✓	
Keelsons, No. each side	✓		Spacing	✓	
" thickness of Intercostal Plate	✓		Fourth Deck, amidships, Angle, [or]	✓	
" Angles	✓		Spacing	✓	
BOTTOM.			Poop Deck, Angle, [or]	9 3 1/2 42	
Floors, thickness and spacing	10.5 2100		Spacing	8 3 35	
" Are Frame and Reversed Frame joggled?	yes		Bridge Deck, Angle, [or]	9 3 1/2 40	
Floors, breadth and thickness at middle line	800 9.5		Spacing	700	
" breadth and thickness at margin plate	800 9.5		Forecastle Deck, Angle, [or]	8 3 42	
			Spacing	From 148-159 685	
				From 159-169 610	

PILLARS AND DECKS.

	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	2			Stringer Plate, breadth and thickness in way of Bridge			
" in 'tween Decks, Size and Spacing.....				Thickness of Plating abreast Deck openings in way of Wells			
" " " " "				Thickness of Plating abreast Deck openings in way of Bridge			
" in Holds " "	2 pillars in hold, see app. plan.			Thickness of Plating within line of openings..			
" " " " "				If Sheathed, material and thickness			
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells	1850	26.1 22.5 19.0		If Plated, state thickness			
" " " " in way of Bridge	1700	9		Poop Deck.			
" Angle in Wells	6	6	88	Stringer Plate, breadth and thickness	1700	11.5-9	
Thickness of Plating abreast Deck openings in way of Wells	21			Plating, Sheathing, material and thickness	sheel deck 10-6.5 14.5 sh 2 1/2 pin		
Thickness of Plating abreast Deck openings in way of Bridge	12.5-8			Bridge Deck.			
Thickness of Plating within line of openings...				Stringer Plate, breadth and thickness.....	1700	11	
If Sheathed, material and thickness				Plating, Sheathing, material and thickness ...		11	
Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...				Stringer Plate, breadth and thickness.....		8.5	
				Plating, Sheathing, material and thickness ...		8.5	

SHELL PLATING.

SCANTLINGS.						RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>no</i>	SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	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	1510	18	17	17		<i>double</i>	7/8	90	<i>4-3</i>	7/8	90	<i>lapped</i>	
„ DELG. (if any)	✓	14.5	14.5	12.5									
BOTTOM PLATING, No. of Strakes4		14.5	14.5	12.5		- - -	7/8	90	3	7/8	80	- - -	
BILGE PLATING, No. of Strakes2		14.5	11.5	11.5		- - -	7/8	90	3	7/8	80	- - -	
SIDE PLATING, No. of Strakes2		14.5	11	11		- - -	7/8	90	3	7/8	80	- - -	
UPPER DECK, Sheer-strake in Wells.....	1830	26-20-17	13			- - -	7/8 3/4	90 75	4	1 1/8 1	115 100	- - -	
UPPER DECK, Sheer-strake in Bridge ...		14.5		11.5		- - -	7/8	90	3	7/8	80	- - -	
STRAKE BELOW Sheer-strake in Wells.....		18-16		11		- - -	7/8	90	4	7/8	90	- - -	
STRAKE BELOW Sheer-strake in Bridge ...		14.5				- - -	7/8	90	3	7/8	80	- - -	
POOP SIDE PLATING		14.5-10.5				- - -	7/8 3/4	90 75	3-2	7/8 3/4	80 65	<i>11.5</i>	
BRIDGE SIDE PLATING ...		15.5				- - -	7/8	90	4	7/8	90	- - -	
FORECASTLE SIDE PLATING			10			<i>single</i>	3/4	75	1	3/4	65	- - -	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	4
Extending to Upper Deck (Sec. 3 c)	yes
" Deck next below	
As per Rule	yes

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD, Upper tween decks					
" Forw. & R. Second bulkhead.		Coam. 10	11.3 1/2 46	780	
" " " " " "		7.5	11.3 1/2 44	745	
" " " " " " Third					
" " " " " " Holds		Coam. 10	12.3 1/2 46	770	
" " " " " " " "		7.5	12.3 1/2 44	760	
COLLISION " (in Hold)		12.5	see app. plan	610	see app. plan
AFTER PEAK " " " " " " " "		12.0	6.3 1/2 38.5	610	
		7.5	5.3 1/2 36.5		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar				
STEM	cast steel	as per app. plan	Shrimman	Noted
STERN FRAME { Propeller Post				
{ Rudder	cast steel	as per app. plan	Shrimman	Noted
RUDDER—A x D		8.37 m ²		
Speed of Vessel		11		
RUDDER mainpiece at head ...		220 m ²		
" " heel ...		165		
" how constructed	forged		9/8 Lindholm	Noted
" double or single plate	single pl			
" coupling, vertical or horizontal	vertical			

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 Cleveland Steelworks, Connell Iron Steel works, Skinningrove Iron Steel works,
 David Colville & Son Ltd, Whitechapel Ironworks & Co., Manganese Ironworks - Wales.
 Has the Steel been tested as required by the Rules? yes

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.)

Plan of midship section approved 8/11.28.

" - elevation & deck	" - - -
" Shell plating	" 28/11.28.
" Bulkhead	" - - -
" Pillar	" 9/4.29.
" Hatchway br. 5 th bulkhead	" 8/11.28.
" Mainroom	" 8/4.29.
" Section fr. no 150	" 28/11.28.
" Propeller bracket	" 14/1.29.
" Stern frame	" 14/1.29.
" Rudder	" - - -

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

1st Bower	39.3.15. D.C.B. 3065.29.1.29.
2nd "	39.3.23. D.C.B. 3064.29.1.29.
3rd "	37.2.4. D.C.B. 3114.26.2.29.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 28.57 m., R.Q.D. - ft., Bridge 51.8 m., Forecastle 14.85 m. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop is joined to bridge deck*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *1 dm. steel*

Official No. ; Signal Letters *L.H.T.R.* Is bottom of Vessel coated with cement *no* if not give particulars of composition ✓

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		249
Double bottom, under Engines and Boilers,			After peak tank,		203
Double bottom, if under Engines only,	41	126 m.	Deep tank, aft,		
Double bottom, <i>under 2nd boiler</i> , under Boilers only,	25	7.7	Deep tank, forward,		860
Double bottom, forward,	262	80.855 m.	Other tanks, if fitted, <i>Deep tank in bridge</i>		
	328	1127	(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.
F.M.V.s request is attached

Date 8/11.28.

Dates of Surveys held while building

17/4, 25/6, 16/7, 5/8, 13/8, 12/9, 18/9, 24/9, 8/10, 34/10, 9/6, 22/11, 11/12, 13/12, 27/12-1929.
4/1, 8/1, 9/1, 14/1, 15/1, 24/1, 28/1, 29/1, 25/2, 17/3, 8/8-1930

Lloyd's Register
Foundation
Total No. of Visits 26