

STEEL STEAMER or MOTORSHIP.

20 APR 1942

Received at London Office

WRECK SECTION.

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*

No. 321 A

Date of completion of report 17. 4. 42 Port of *Belfast* No. 13221Survey held at *Belfast* Date First Survey 27 May 1940 Last Survey 11 April 1942On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) *Single Screw Motor Yanker* *DINSDALE* (Machinery Aft)State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full Scantling* State Type of Erections *Poop Br. Side*

TONNAGE under Tonnage Deck ...	7229.82	CLASS <i>+100 A1. carrying</i> State if with freeboard as condition of Class <i>No</i>	Built at <i>Belfast</i>
No. of space or spaces between Tonnage Dk. and Upper Dk.		Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) <i>460</i>	Launched <i>21st Oct 1941</i> Yard No. <i>1078</i>
Net Tonnage	7229.82	Breadth (greatest moulded) <i>59</i>	Builders <i>Harland and Wolff Ltd</i>
Gross Tonnage	8213.90	Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) <i>34</i>	Owners <i>Admiralty</i>
Registered Tonnage	4780.89	1st Longitudinal Number (L x D) <i>15640</i>	Managers (Where necessary to be entered in Reg. Book)
		2nd Numeral L x (B + D) <i>42780</i>	Residence
REGISTERED DIMENSIONS. FEET		Framing Depth "d," at middle of length. See Sec. 3 (1d) <i>✓</i>	Port of Registry <i>London</i>
Length	465.6	Proportions—Depth to Length—Uppermost continuous deck to top of keel <i>13.52</i>	If surveyed while building, afloat, or in dry dock <i>building, afloat and in dry dock</i>
Breadth	59.5	Do. Long Bridge to top of keel <i>27-1/4</i>	
Depth	33.85	Draught Moulded	

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.
FRAMES, Spacing amidships	31 1/2		Bracket Floors, Frame	✓	
" " from 1/2 length amidships to Collision bulkhead	27		" " Reversed Frame	✓	
" " in peaks	24		" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	60 x 57 to 46	
Frame Amidships, Angle, <i>E</i> or <i>F</i> for tanks	10 3 1/2 7/16	✓	" " top Angles	4 4 9/16	
" " Extends up to	11 3 1/2 7/16	✓	" " bottom Angles	4 4 9/16	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	2 60 1 42	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness <i>Mark. for strength</i>	54	
Depth of Framing Girder	10		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 50	
Frames in Uppermost Continuous 'tween Decks, Angle, <i>E</i> or <i>F</i>	✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	✓	
" " Second 'tween Decks, Angle, <i>E</i> or <i>F</i>	✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
" " Third <i>for 2 cargo tanks to coll BH 3rd</i>	11 3 1/2 44	✓	" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	✓	
" " <i>from 1/2 len. forward to 15% len. from stem in fore deep tank</i>	9 3 1/2 7/16	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	46. 18 3"	
" " in Peaks, Angle or <i>E</i>	8 3 1/2 7/16	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 C 4 7/8	✓	Breadth and thickness of Middle Line Strake <i>tank top in way of motors</i>	1 1/8	
State if Frame Joggled	<i>Yes</i>		Thickness of remainder in Holds	52	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>as appd</i>	✓	Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in O.F. Bunkers and Boiler Room?	<i>as appd</i>	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>as appd</i>	✓	BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in way of poop <i>Walls, Angle, E or F</i>	8 3 1/2 7/16	✓
Floors, Depth and thickness at mid-line in Holds	<i>See</i>	✓	" " in way of Bridge, Angle, <i>E or F</i>	8 3 1/2 7/16	✓
Height of Brackets at side above base line at toe of frame	<i>Long framing plan</i>	✓	" " Spacing	<i>every</i>	✓
Middle Line Keelson, on Floors, Angles, <i>E</i> or <i>F</i>	<i>Long framing plan</i>	✓	Second Deck, amidships, Angle, <i>E or F</i>	8 3 1/2 437	✓
" " Through Plate or Inter-costal Plate	<i>Long framing plan</i>	✓	" " Spacing	9 3 1/2 437	✓
" " Foundation Plate on Floors	<i>Long framing plan</i>	✓	Third Deck, amidships, Angle, <i>E or F</i>	8 3 1/2 7/16	✓
" " Flat Plate Keel Angles	<i>Long framing plan</i>	✓	" " Spacing	<i>every</i>	✓
Side Keelsons, No. each side			Fourth Deck, amidships, Angle, <i>E or F</i>	✓	
" " thickness of Inter-costal Plate			" " Spacing	✓	
" " Angles			Poop Deck, Angle, <i>E or F</i>	8 3 1/2 35	✓
" " Spacing			" " Spacing	<i>every</i>	✓
DOUBLE BOTTOM. in motor space			Bridge Deck, Angle, <i>E or F</i>	8 3 1/2 437	✓
Solid Floors, thickness and spacing	<i>460 3 1/2 7/16</i>	✓	" " Spacing	<i>every</i>	✓
" " Are Frame and Reversed Frame joggled?	<i>as appd</i>	✓	Forecastle Deck, Angle, <i>E or F</i>	10 3 1/2 7/16	✓
Bracket Floors, breadth and thickness at middle line	<i>as appd</i>	✓	" " Spacing	<i>every</i>	✓
" " breadth and thickness at margin plate	<i>as appd</i>	✓			

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									
" in 'tween Decks, Size and Spacing	Two				Stringer Plate, breadth and thickness in way of Bridge	forward	36	✓	
" "									

SHELL PLATING.

SCANTLINGS.					RIVETING.								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?	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.	
Flat Plate Keel.....	57	96	78	78		double	1	4	five	1 1/8	4 1/2	lapped.	
„ Dblg. (if any)													
Bottom Plating, No. of Strakes 4 }		67, 64	74, 50	50, 55		double	7/8	3 1/2	four	7/8	3 1/2	lapped	
Bilge Plating, No. of Strakes one }		64	50	50		double	7/8	3 1/2	four	7/8	3 1/2	lapped	
Side Plating, No. of Strakes three }		64	50	50		double	7/8	3 1/2	four	7/8	3 1/2	lapped	
Upper Deck, Sheer- strake in Wells..... }	55	99	50	50		-	-	-	five	1 1/8	5	lapped	
Upper Deck, Sheer- strake in Bridge ... }	55	99	50	50		-	-	-	five	1 1/8	5	lapped	
Strake below Sheer- strake in Wells..... }	83	76	50	50		double	1	4	four	1	4	lapped	
Strake below Sheer- strake in Bridge ... }	83	76	50	50		double	1	4	four	1	4	lapped	
Poop Side Plating.....				40		one strake			two	3/4	2 5/8	lapped	
Bridge Side Plating.....		43				one strake			two	3/4	2 5/8	lapped	
Forecastle Side Plating			43			single	3/4	3	one	3/4	2 5/8	lapped	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	17
" Deck next below	✓
As per Rule <i>ordinary cargo</i>	7

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar <i>Flat Keel</i>				
STEM <i>rolled</i>	10 1/4	2 3/4		
STERN FRAME { Propeller Post	cast	as	Beardmore	
{ Rudder	Steel	app.		
Speed of Vessel	12 knots			
RUDDER—Type	Simplex type			
" A x D	double plate	Beardmore		
" Diam. of head	built, cast			
" Mainpiece at top pintle	steel frame			
" " heel	forged post			
" how constructed	semi balanced			
" " " "	as app. dia			
" " " "	6 post 11"			

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, <i>centre tank</i>	51	10 x 3 1/2 x 7/16 Ba	33	upper 32 x 40	
" <i>Second</i>	41			lower 33 x 40	
" <i>Third</i>	50			12 x 3 1/2 x 5/16 Ba	
" <i>Holds</i>	40			upper 32 x 40	
" <i>Collision</i>	53-34	9 x 3 1/2 x 7/16 Ba	24	lower 32 x 40	
" <i>After Peak</i>	50-30	9 x 3 1/2 x 7/16 Ba	24	3 1/2 x 3 1/2 x 437	9 1/2

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel
	<i>Colville Smith & Co. Ltd. Dorman, Long.</i>
	Has the Steel been tested as required by the Rules?

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.	RIVETING.				
		In Ship.			In Ship.				Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam.	Speng.		Number.	Diameter.
Framing of L, L or C													
Frames in Bridge 'tween Decks ...													
Frames from Uppermost Continuous Deck, Int. Centre Girders No. 1													
	2												
	3												
	4												
	5												
	6												
	7												
	8												
	9												
	10												
	11												
	12												
	13												
	14												
	15												
	16												
Spacing of Longitudinal Frames		Amidships 1-4			At Ends 6-9								
Double Bottoms L, L or C		Tank Top Longitudinals			Bottom								
Spacing of Longitudinals		Amidships			At Ends...								
Transverses.		Depth and Thickness			Face Angles								
Side (in 'tween Decks)		Lugs to Shell*			Depth and Thickness								
Side (in Hold)		Face Angles			Lugs to Shell*								
Bottom		Depth and Thickness			Face Angles								
		Lugs to Shell*			Back Bars								
Spacing of Transverse Frames		State if joggled or liners.											
Longitudinal Beams of L, L or C		Bridge Deck			Upper								
		Second			Third								

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

1m, 2, 37. T.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page

W1187-0171 $\frac{3}{3}$

Lloyd's Register
e entered in their
Foundation
page.

EQUIPMENT No. 144392												LETTER CT	ANCHORS.		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
26492	1st Bower	74	1	14				56	0	0	0	74	Stockless	W & A Byerlye & Co. Ltd.	25/1/40 Green
26508	2nd "	73	0	14				55	10	0	0	74	"	"	3/12/40 Green
	3rd "											652			
	Collective weight											219 1/2			
54155	Stream	22	1	22	5	2	26	22	15	0	0	22	Rodger & Co. Ltd.	—	Bradley H. 30/5/41 Red

CHAIN CABLES.										HAWERS 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.	
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.
116128A	240	2 7/8	106 1/2	149 1/2	722	3	23		300	2 7/8	steel		Neukirch 15/4/41 Red	TOWLINE	130	5 1/4	77 1/2	130	5 1/4
42077B	2 Join Shack for	2 7/8	106 1/2	149 1/2	0-2	0	14						Cardiff 29/10/41 Butter	HAWERS & WARPS	20ft 100	2 3/4	15 3/4	20ft 100	2 3/4
Iron Stream	120	5	52 1/2						120	5									

Steering Gear, Type (Power or hand) *Harley's Steam Hydraulic* Alternative Means of Steering *block & tackle to after which*

Steering Chains (Size and Test) *telemotor control* Windlass *steam efficient* Boats *4 + 1 motor boat*

Decking in Holds, thickness and material *none* Cargo Battens, thickness, material and spacing *steel battens in fore hold*

Deck Hatchways. (Upper Deck) *3 steel O.T. hatchways 40* Thickness of Hatches *54 steel O.T. hatches*

of Hatchways No. 1 (Fwd.) *8' x 8'* No. 2 *27 hatchways to cargo tanks* No. 3 *4' 6" x 3' 6"* No. 4 No. 5 No. 6

Number of Shifting Beams *none* For HARLAND & WOLFF LIMITED.

Builder's Signature *W. Marshall* Secretary

GENERAL DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel *motor ship*

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo *oil tanker* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

Oil fuel is carried in bunkers situated at the fore side of the motor space, in deep tank forward of forward cofferdam and in the double bottom under engines. Oil cargo is carried in 27 compartments between forward and after cofferdam separated into three groups by two pump rooms.

This vessel has been built in accordance with the approved plans, the Secretary's letter and the Rules of the Society. The material and workmanship are good. All cargo tanks, oil fuel bunkers, deep tank forward, fore and after peak tanks, fresh water tanks, double bottom compartments in motor space and cofferdams have been tested to Rule requirements and found satisfactory. Steering gear and windlass tested under working conditions and found satisfactory. Weather decks, W.T. bulkheads also side lights have been satisfactorily tested. Bilge pumping arrangements tried and found in order. Freshboard verified and cut in.

The amount of Entry Fee..... £11:0:0 Fees applied for, 18 1/4 1942

Special Survey Fee..... £608:0:6 Received by me, 19

Leeward Travelling Expenses, if any..... £19:0:0

State whether the Vessel has been built under Special Survey *yes*

Certificate to be sent to *Belfast.* Date of issue *29/5/42.*

Committee's Minute *FRI. 1 MAY 1942*

Character assigned *+100A1*

Carrying petroleum in bulk

Lloyd's ass. 02, E.S.D.

note for S.R.L.

+ drum 4.42

2 S.B. - 1500

oil

W.M. Baile

Surveyor to Lloyd's Register of Shipping.

91610-6811M