

Rpt. 1
22 MAR 1950

IN D.O.

18 MAR 1950
Received at London Office.....

State if Report has been sent on the Freeboard of the Vessel YES NEWCASTLE-ON-TYNE, NO. 106883

State if Report is sent on the Machinery of the Vessel..... YES - NOW

Date of completion of report 23RD FEBRUARY 1950 Port of NEWCASTLE-ON-TYNE No. 101045

Survey held at Walband-on-Lyne Date First Survey 14/3/49 Last Survey 23RD FEBRUARY 1950

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) Single Screw Motor Boaster M.V. "SLANEY" (Machinery fitted aft) P.O. Park and

State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* Full Scantling State Type of Erections Firecastle

TONNAGE under } 601.52
Tonnage Deck ... }

CLASS *** 100 A1** State if with freeboard } **No**
as condition of Class } **FEET**

Built at Walsend-on-Tyne

Do. of space or spaces } 195.42
between Tonnage Dk. }
and Upper Dk. }

Length from fore part of stem to after part of stern } 205.0
post on summer L.W.L. See Sec. 3 (1a)

Launched 6th December 1949 Yard No. 147

Total 796.94

Breadth (greatest moulded) B 32.5
Depth, at middle of length from top of keel to top 13.2

Builders Messrs Leblonde (Successors) Ltd

Gross Tonnage 994.35

of beam at side of uppermost continuous } D 13.9
deck. See Sec. 3 (1c) } 2253.6

Owners H. J. WILSON

Register Tonnage 538.92

1st Longitudinal Number ($L \times D$).....= 2853.6

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

REGISTERED DIMENSIONS.

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

Residence **WEXFORD, EIRE**

gth 210

Proportions—Depth to Length—Uppermost continuous deck to top of keel } 14.73

Port of Registry LONDON

8011 *****1-800-444-8011*****

Do. Long Bridge to 10.84 ✓

If surveyed while building, afloat, or in dry dock

adth 32.7

top of keel }

While building and afloat.

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.....	22 ✓		Bracket Floors, Frame	5 x 3 x .36 ✓	
" " from 1/2 length amidships to Collision bulkhead.....	22 ✓		" " Reversed Frame.....	5 x 3 x .30 ✓	
" " in peaks	22 ✓		" " Vertical Struts	5 x 3 x .30 ✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	31 x .38 - .33 ✓	
Frame Amidships, Angle, E or F ✓	6 x 3 x .32 ✓		" " top Angles	3 x 3 x .34 dhl ✓	
" " Extends up to.....	R.Q. DECK ✓		" " bottom Angles.....	3 x 3 x .38/36 dhl ✓	
Reversed Frame Amidships, Angle	3 x 3 x .30 ✓		Side Girders, No. each side and thickness.....	1 @ .28 ✓	
" " Extends up to	DEEP BRACKETS ✓		Margin Plate depth (excl. of flange) and thickness	25 x .33 ✓	
Depth of Framing Girder.....	6 ✓		" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	None fitted. Welded connection ✓	
Frames in <u>WAY OF BUNKER</u> <u>Uppermost Continuous</u> <u>Decks, Angle, E or F</u> ✓	7 x 3 x .33 ✓		" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area	do ✓	
" " <u>FRAMES 73-83</u> <u>Second</u> <u>Decks, Angle, E or F</u> ✓	5 x 3 x .28 ✓		" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	do ✓	
" " Third " " " " ✓	✓		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area	do ✓	
" " from 1/2 len. for'd. to 15% len. from Stem	5 x 3 x .32 ✓		Tank Side Brackets, height above base line at toe of Frame and thickness	do extended to ship's sides ✓	
" " in Peaks, Angle <u>E or F</u> ✓	7 x 3 x .33 BA. ✓		INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5 x 3 x .36 ✓		Breadth and thickness of Middle Line Strake...	.34 trans. plating ✓	
State if Frame Joggled.....	No ✓		Thickness of remainder in Holds34 - .31 ✓	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved ?	Yes ✓		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 ✓	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved ?.....	Yes ✓		BEAMS.		
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, E or F ✓	5 x 3 x .34 BA. ✓	
Floors, Depth and thickness at mid-line in Holds.....			" " in way of Bridge, Angle, E or F ✓	4 x 3 x .32 OA casing ✓	
Height of Brackets at side above base line at toe of frame.....			" " Spacing	5 x 3 x .34/32 BA. ✓	
Middle Line Keelson, on Floors, Angles, E or F			" " Spacing	4 x 3 x .32 OA casing ✓	
" " Through Plate or Inter-costal Plate			" " Spacing	Every frame ✓	
" " Foundation Plate on Floors			Second Deck, amidships, Angle, E or F		
" " Flat Plate Keel Angles			Spacing		
Side Keelsons, No. each side.....			Third Deck, amidships, Angle, E or F		
" " thickness of Inter-costal Plate.....			Spacing.....		
" " Angles			Fourth Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing.....		
Solid Floors, thickness and spacing29 EVERY 3' ✓		Poop Deck, Angle, E or F		
" " Are Frame and Reversed Frame joggled ?	No ✓		Spacing.....		
Bracket Floors, breadth and thickness at middle line	23 x .29 ✓		Bridge Deck, Angle, E or F		
" " breadth and thickness at margin plate.....	23 x .29 ✓		Spacing.....		
			Forecastle Deck, Angle, E or F	4 x 3 x .30 ✓	
			Spacing.....	Every frame ✓	

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.	Number of Certificate
PILLARS, No. of Rows						2769
"	in 'tween Decks, Size and Spacing					2766
"	" " " " "					2769
"	in Holds " " "					2766
"	" " " " "					
Centre Line Bulkhead, in way of O.F. bulkhead Stiffeners and Spacing		6 x 3 x 34 E.W. T.O.E. ON ✓				9115
Plating, thickness of		.32 ✓				
STRINGERS AND DECKS.						
Uppermost Continuous Deck. at break		75 x 70 ✓				
Stringer Plate, breadth and thickness in Wells		75 x 50 - 30 ✓				
"	" " " " in way of Bridge R.Q.D.	72 1/2 x 38 - 30 ✓				
"	" " " " UPPER DECK	8 x 5 x 50 ✓				
"	Angle in Walls R.Q.D.	3 1/2 x 3 1/2 x 38 ✓				
Thickness of Plating abreast Deck openings in way of Wells		.70 - .40 ✓				
Thickness of Plating abreast Deck openings in way of Bridge R.Q.D.		.38 ✓				
Thickness of Plating within line of openings		.30 - .28 ✓				
If Sheathed, material and thickness		✓				
Second Deck.						
Stringer Plate, breadth and thickness in Wells		✓				
Stringer Plate, breadth and thickness in way of Bridge						
Thickness of Plating abreast Deck openings in way of Wells						
Thickness of Plating abreast Deck openings in way of Bridge						
Thickness of Plating within line of openings						
If Sheathed, material and thickness						
Third Deck.						
Stringer Plate, breadth and thickness						
If Plated, state thickness						
Fourth Deck.						
Stringer Plate, breadth and thickness						
If Plated, state thickness						
Poop Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						
Bridge Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						
Forecastle Deck.						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						
CENTRE STRAKE ✓						
Stringer Plate, breadth and thickness						
Plating, Sheathing, material and thickness						

SHELL PLATING.

SCANTLINGS.						RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>State if joggled? YES ✓</i>			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		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.....	40 ✓	.48 ✓	.44 ✓	.44 ✓		D.R. ✓	3/4	3/8 ✓		ELECTRIC WELDED. ✓		
" Dblg. (if any)												
Bottom Plating, No. of A ✓ Strakes 2 B ✓		.38 ✓	.34 ✓	.34 ✓		D.R. ✓	3/4	3/8 ✓	2 ✓	3/4	3 ✓	
Bilge Plating, No. of C ✓ Strakes 1 ✓		.38 ✓	.34 ✓	.34 ✓		D.R. ✓	3/4	3/8 ✓	2 ✓	3/4	3 ✓	
Side Plating, No. of D ✓ Strakes 2 E ✓		.38 ✓	.34 ✓	.34 ✓		S.R. ✓	3/4	3/8 ✓	2 ✓	3/4	3 ✓	
Upper Deck, Sheer- F ✓ strake in Wells 48	48 ✓	.62 ✓	.34 ✓			D.R. ✓	7/8	3 2/3 ✓	3 & 4 ✓	7/8	3 1/2 ✓	
Lower Deck, Sheer- G ✓ strake in Bridge ... 60	60 ✓	.42 ✓		.34 ✓		D.R. ✓	7/8	3 2/3 ✓	3 ✓	7/8	3 1/2 ✓	
Strake below Sheer- E ✓ strake in Walls 40		.40 ✓	.34 ✓			DR/SR ✓	3/4	3/8 ✓	2 & 3 ✓	3/4	3 ✓	
Strake below Sheer- F ✓ strake in Bridge ... 42		.42 ✓		.34 ✓		DR/SR ✓	3/4	3/8 ✓	2 & 3 ✓	3/4	3 ✓	
Poop Side Plating.....												
Bridge Side Plating.....												
Forecastle Side Plating				40-30		SR ✓	3/4	3/8 ✓	1 ✓	3/4	3 ✓	

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c).....4✓

„ Deck next below.....✓

As per Rule.....3

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		✓		
STEM	MS. ROLLED	6 1/2" x 1 1/8"	✓	
STERN FRAME {	Propeller Post	FABRICATED	6 1/4" x 1 1/4"	✓
{	Rudder	MS.		
Speed of Vessel	NOT EXCEEDING 12 KNOTS		✓	
RUDDER—Type	SEMI-BALANCED		✓	
" A x D	79-87	✓		
" Diam. of head	4 3/4	✓		
" Mainpiece at top pintle	5 3/4	✓		
" " heel	4 1/4	✓		
" how constructed	AS APPROVED	✓		
" double or single plate	DOUBLE	✓		
" coupling, vertical or				
" horizontal	HORIZONTAL	✓		

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP	BULKH'D, Upper 'tween decks					
"	Second	"				
"	Third	"				
"	Holds	"				
COLLISION	(in Hold)	"				
AFTER PEAK		"				

STEEL. Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH
DORMAN LONG & CO LTD. CONSETT IRON CO LTD. APPLEBY FRIDGINGHAM STEEL CO LD.
Has the Steel been tested as required by the Rules? YES

EQUIPMENT No. 10565												LETTER	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.					
7694	1st Bower	22	1	0	✓	✓	✓	22	11	1	0	✓	21 3/4	BRITANNIC (C.S. HEAD)	R. SYKES & SON L.D. CRADLEY HEATH	14/5/49 H. PHILIPS
7660	2nd "	21	2	0	✓	✓	✓	22	0	0	0	✓	21 3/4	- do - do -	- do -	12/5/49 - do -
7695	3rd "	18	0	14	✓	✓	✓	19	2	0	21	✓	18	- do - do -	- do -	16/5/49 - do -
	Collective weight	61	3	14	✓	✓	✓					✓	60 1/2			
7661	Stream	5	3	14	✓	✓	✓	8	2	3	7	✓	53 1/4	ORDINARY PAIT. F.W.	- do -	- do - 12/5/49 - do -
HAWSEERS AND WARPS																

CHAIN CABLES.												HAWSERS AND WARPS.						
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.			Length and Size per Table 53.		Descrip- tion.	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.	
	Length.	Diam.	Statu- tory.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Ins.	Length.		Ins.	Length.
	Fathoms	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms	Ins.					Fathoms	Ins.	Tons.	Fathoms	Ins.	
9195	210	1 3/8	340	51.0	204-2-16	203	210	1 3/8	STUD LINK	RSYKES & SON L.D.	CRADLEY HEATH 10/5/44	H. PHILIPS	TOWLINE	90	3	18.6	90	3
													HAWSERS & WARPS	90	6	14.6	90	6
														90	1 3/4	6.4	90	1 3/4

or hand) **DUNKIN'S ELECTRIC HYDRAULIC (TELE MOTOR)** ✓ Alternative Means of Steering **EMERSON WALKER** 1-29 PERSON WOOD MOTOR BOAT

Windlass **ELECTRIC TYPE D. 5** ✓ Boats 1-32 PERSON WOOD LIFEBOAT

and material **2 1/2 OREGON PINE** ✓ Cargo Battens, thickness, material and spacing **NONE**

Deck) **6 R.Q. DECK. STEEL PLATES WITH B.A. STIFFENERS** ✓ Thickness of Hatches **2 1/2"** ✓

Fwd.) **47'-8" x 20'-0" / 14'-0"** No. 2 **56'-10" x 20'-0"** No. 3 ✓ No. 4 ✓ No. 5 ✓ No. 6 ✓

ms } **Nº1 - 7** : **Nº2 - 10** :

FOR AND ON BEHALF OF **CLELANDS (SUCCESSORS) LIMITED**

Builder's Signature **R. F. Crapp** DIRECTOR

NOTIFICATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel **YES** ✓

the vessel, not being an oil tanker, is fitted for carrying oil as cargo **NO** ✓ The positions in which oil is carried as fuel or cargo should be stated, together with the flash point (where required to be inserted in the Notation).

I have been built in conformity with the Society's Rules and Regulations and the Secretary's letters. My design and arrangements are in accordance with, and equivalent to, those shown in the approved plans. My materials and workmanship are good. A Foreboard has been assigned and the marks cut in on vessel's sides are fitted.

Tanks, double bottom tanks and oil fuel bunkers have been tested to Rule requirements and found satisfactory. Deck, casings, and W.T. plates have been hot-tested with satisfactory results.

and auxiliary steering gear have been tested under working conditions, also windlass, and found satisfactory.

Oil fuel bunkers are situated between aft end No 2 hold and fore end of machinery space.

VESSEL LAUNCHED 6/12/49

The amount of Entry Fee **£16. ASSIGNMENT** £ 14 : 0 : 0 Fees applied for, **17 MAR 1950**

Special Survey Fee..... £200 : 0 : 0 Received by me, _____

Travelling Expenses, if any £ : : 19 _____

I am of opinion the Vessel should be Classed **+ 100 A 1** (CARGO BATTENS NOT FITTED).

Signature **R. H. Y. Gordon for self & J. M. Ballin.** Surveyor to Lloyd's Register of Shipping.

State whether the Vessel has been built under Special Survey **YES**.

Certificate to be sent to **NEWCASTLE** Date of issue **2/6/50**

Committee's Minute **31/3/50**

Character assigned **+100A1**

Lloyd's A + C.P.

+ LMC 2.50 Oil Eng.

O.G.

"Cargo battens not fitted"

White h/c. (m).

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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.)

SISTER VESSEL TO M.V. "HALCIENCE" NEWCASTLE RPI NO 106881 EXCEPT FOR SHELL BUTTS & FLOORS

the following approved plans forwarded with report.

- ① Midship Section
- ② Profile & Decks
- ③ Framing Plan
- ④ Cant Frames
- ⑤ Main Deck and After Flat
- ⑥ Raised Quarter and Fore Deck
- ⑦ Keel and Centre Girders
- ⑧ Tanktop and Side Girders
- ⑨ W.T. & O.T. bulkheads
- ⑩ Main Engine seating
- ⑪ Stem Plan
- ⑫ Cargo Hatchways
- ⑬ Pumping Plan.

Steel Invoices enclosed herewith.

PARTICULARS OF ELECTRIC WELDING (if employed) Keel stroke butts. Butts and seams of all decks and main bulkheads. Bulkhead stiffeners. Oil fuel bunkers centre division bulkhead washplates, and horizontal girders. Tanktop butts (transverse plating). Margin to shell. Floors to margin plates. Bulwark and hatch stays. aft flat to shell. F.W. Tank bulkheads & stiffeners. Keel and centre girder butts. Docking stiffeners in Engine Room.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Cargo battens not fitted.

Fitted with Decca Navigator. Radio Telephone in Wheelhouse.

Part Electric Welded

RADAR Equipment (State if fitted) 160

State Type or Pattern No. ✓

State Name of Maker and/or Supplier. ✓

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

1st Bower

13 - 2 - 22 ✓

AEQ

1715

30/9/48 ✓

2nd "

12 - 2 - 20 ✓

JHS

10219

6/10/48 ✓

3rd "

11 - 1 - 0 ✓

AEQ

1391

1/7/48 ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop. ✓ ft., R.Q.D. 134.74 ft., Bridge. - ft., Forecastle. 19.5 ft.

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

Official No. 183194

Signal Letters M.D.B.W

Extreme Breadth over Belting 32.7' (Circ. 1611)

Over-all Length 219.5' (Circ. 1703)

No. and Material of Decks

Single Deck - Steel

Parts of Bottom of Vessel coated with cement or approved composition

Cement in hold bilges. Peak and double bottom tanks

cannot washed

Particulars of composition (if fitted) and of approval ✓

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284) Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, 26-69	78.833	127.6	Fore peak tank,	19.7	48.34
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	17.6	18.15
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward, 69/107	60.5	93.94	Other tanks, if fitted,	✓	✓
Total length (if continuous) and Capacity	139.31	221.54	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 5923

Date 22. 3. 49

Dates of Surveys held while building

11949/ MAR 14. 16 MAY 24. 30 JUN 2. 8. 14. 22. 27. 28 JULY 30. 30 AUG 14. 22. 30 SEPT 5. 8. 14. 19. 21 OCT 5. 12. 14 20. 27. NOV 2. 3. 4. 10. 16. 17. 21. 22. 23. 24. 25. 28. 29. 30. DEC 1. 5. 6. 19. 1950/ JAN 4. 5. 11. 20. 24. FEB 6. 7. 8. 15. 16. 21. 23.

Total No. of Visits 57.