

## STEEL STEAMER or MOTORSHIP

JUN 10 1937

Received at London Office

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.Date of completion of report June 8<sup>th</sup> 1937.Port of Aberdeen.No. 18998.Survey held at Aberdeen.Date First Survey February 1<sup>st</sup> 1937. Last Survey June 3<sup>rd</sup> 1937.On the (State if Machinery fitted Aft and if Stern, Stern or Triple Screw) Steel single screw - "GWENTHILLS" -State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full ScantlingState Type of Erections R.Q.D. B.D. + F.D.TONNAGE under Tonnage Deck... 597.50.CLASS 100.A.1.State if with freeboard as condition of Class noBuilt at Aberdeen.~~Do. of space or spaces between Tonnage Deck and Upper Deck~~Total 597.50.Gross Tonnage 868.45.Register Tonnage 456.06.Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) L 196.83.Breadth (greatest moulded) B 30.50.Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 14.21.1st Longitudinal Number (L x D) = 2796.95.2nd Numeral L x (B + D) = 8800.27.Framing Depth "d," at middle of length. See Sec. 3 (1d) 11.69. UPPER D. 15.69. R.Q.D. 14.00. E. SPACE 17.42. B. SPACEProportions—Depth to Length—Uppermost continuous deck to top of keel 13.85.Do. Long Bridge to top of keel 10.81.Draught Moulded 13.95.Launched May 11<sup>th</sup> 1937. Yard No. 142.Builders John Lewis & Sons L<sup>d</sup>.Owners Messrs. Morley, Son & Co. L<sup>d</sup>.~~Managers~~

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

Residence Newport. Mon.Port of Registry Newport. Mon.

If surveyed while building, afloat, or in dry dock

First Entry.

## 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 throughout	22"				Bracket Floors, Frame				
" " from 3 length to Collision bulkhead					" " Reversed Frame				
" " in peaks	22"				" " Vertical Struts				
SIDE FRAMING.					Centre Girder, depth and thickness amidships	30 1/2" x 39 1/2" 33"			
Frame Amidships, Angle, E or F	5 1/2" 5" 36"			12 in C. Bunkers	" " Vertical angles (single)	3" 3" 29"			36 for 1/2 L.
" in Eng. Space 5 1/2" x 3" 34" B.A. 36" Space 6" x 3" 44" B.A. Side Bk. 6" x 3" 40" B.A.					" " top Angles	3" 3" 35"			Double for 1/2 L.
" " Extends up to	Uppermost Bk.				" " bottom Angles	3" 3" 39"			Double for 1/2 L.
Reversed Frame Amidships, Angle					Side Girders, No. each side and thickness	One			
" " Extends up to					Margin Plate depth (excl. of flange) and thickness	27 1/2" 33"			
Depth of Framing Girder	as given				" " Vertical Angle to Tank side	6" x 1" x 37" T. Bars outside.			
Frames in Uppermost Continuous tween Decks, Angle, E or F	5" 3" 35" B.A.				" " Bracket abaft 1 len. from stem	3" x 3" x 29" A. inside			
" " Second tween Decks, Angle, E or F					" " Vertical Angle to Tank side	3" x 3" x 36" for 1/2 L.			
" " Third					" " Bracket forward 1 len. from stem	3 1/2" 3 1/2" 35" 38 for 1/2 L.			
Can't Frames	4" 3" 34" A.				" " Gussers, spacing and scantling				
Framing in Peaks, Angle or F	5" 3" 38" A.				" " Gussers, spacing and scantling				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	3" rivets. 7 dia. apart except in 5" x 4" Peaks & forward of 1/2 L.				Tank Side Brackets, height above base line at toe of Frame and thickness	3' 0" x 31"			
State if Frame Joggled	yes				INNER BOTTOM PLATING.				
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	As per approved Plans.				Breadth and thickness of Middle Line Strake	65" 34 1/2" 31"			
STRENGTHENING OF BOTTOM FORWARD. State Particulars	As per approved Plans.				Thickness of remainder in Holds	30" 6" 29"			
SINGLE BOTTOM. in E & B. Space.					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?	As per approved Plans.			
Floors, Depth and thickness at mid line in Holds in Boiler Space	19" x 43" x 35" in Eng. Space.				BEAMS.				
Height of Brackets at side above base line at toe of frame	Boiler Space 50"				at Deep Brackets	3" 3" 32"			
Middle Line Keelson, on Floors, Angles, E or F	9 1/2" 35" 56"				Uppermost Continuous Deck, amidships	5" 3" 30" B.A.			
" " Through Plate or Intercostal Plate	46"				" " in Wells, Angle, E or F				
" " Vertical angles	5" 5" 46"				" " in way of Bridge, Angle, E or F	4" x 3" x 39 1/2" 35" x 3" x 38" A.			
" " Foundation Plate on Floors	3 1/2" 3 1/2" 45" Double.				Half Beams in way Hatch 3 1/2" x 3" x 34" A. in way Casings 3 1/2" x 3" x 31" 6" x 3" x 36" A.				on every frame.
" " Flat Plate Keel Angles					Spacing	on every frame.			
Side Keelsons, No. each side	one				R. QUARTER				
" " thickness of Intercostal Plate	50" flanged 6 Shell.				Second Deck, amidships, Angle, E or F	5" x 3" x 30" B.A. 6 1/2" x 3" x 38" A.			
" " Angles on top of 3 floors.	6" 4" 56" A.				Half Beams in way Hatch 3 1/2" x 3" x 34" A. in way Casings 3 1/2" x 3" x 31" 6" x 3" x 36" A.				on every frame.
" " W.T. 3 floors	37"				Spacing	on every frame.			
DOUBLE BOTTOM.					W.T. FLAT. AFT.				
Solid Floors, thickness and spacing	30 1/2" x 29"			30 for 1/2 L.	Third Deck, amidships, Angle, E or F	5 1/2" x 3" x 34" 4" x 3" x 35"			
" " Are Frame and Reversed Frame joggled?	yes				Spacing	on every frame.			
Tank Reverse frames	3" 3" 29"				PANTING STRINGER FORWARD.				
Bracket Floors, breadth and thickness at middle line					Fourth Deck, amidships, Angle, E or F	5" 3" 35" B.A.			
" " breadth and thickness at margin plate					Spacing	on alternate frames.			
					W.T. FLAT. FORWARD.				
					Peep Deck, Angle, E or F	4" 3" 35" A.			
					Spacing	on every frame.			
					Bridge Deck, Angle, E or F	5" 3" 30" B.A.			
					Spacing	on alternate frames.			
					Forecastle Deck, Angle, E or F	5" x 3" x 36" B.A. 6 1/2" x 3" x 38" A. as app <sup>d</sup>			
					Spacing	on alternate frames.			



# 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.
<b>PILLARS, No. of Rows.....</b>	as approved.		<del>Stringer Plate, breadth and thickness in way of Bridge</del>	✓	✓
<i>fell</i>			<del>Thickness of Plating abreast Deck openings in way of Wells</del>	✓	✓
" in 'tween Decks, Size and Spacing .....	2 1/2" dia. in act. frames.		Thickness of Plating abreast Deck openings in way of Bridge <i>Engl. House</i>	26	
" <i>Bo's'n Stairs. + Bridge</i>	2 3/8" " " "		Thickness of Plating within line of openings.. <i>Shinger angle.</i>	3 1/2" 3 1/2" 3 1/2"	6" 3" 3" 33"
" in E.B. Space. " "	2 1/2" " Quarter pillars.		<del>If Sheathed, material and thickness</del>	✓	✓
" in Holds " "	Deep Brackets as approved.		<b>Third Deck.</b> <i>W.T. Plak (aff.)</i>		
<b>Centre Line Bulkhead, under Bridge in Hold.</b>			<del>Stringer Plate, breadth and thickness</del>	✓	✓
Stiffeners and Spacing..... <i>B.A.</i>	6" 3" 38" as appd.		If Plated, state thickness.....	30	
Plating, thickness of .....	3/8"		<b>Fourth Deck.</b> <i>Panling Shinger (for d.)</i>		
<b>STRINGERS AND DECKS.</b>			Stringer Plate, breadth and thickness.....	23 1/2" x 32" 6" 30"	
<b>Uppermost Continuous Deck.</b>			<del>If Plated, state thickness</del>	✓	✓
Stringer Plate, breadth and thickness in Wells	69" x 47 1/2" 34" 33" in d'cell.		<b>Peep Deck.</b> <i>W.T. Plak (for d.)</i>		
" " " " in way of Bridge	57" at Break. 69" 44"		Stringer Plate, breadth and thickness .....	30	
" Angle in Wells .....	3 1/2" 3 1/2" 47" 6" 3" 3" 34"		Plating, Sheathing, material and thickness ...	30	
Thickness of Plating abreast Deck openings in way of Wells .....	30		<b>Bridge Deck.</b>		
Thickness of Plating abreast Deck openings in way of Bridge .....	30		Stringer Plate, breadth and thickness .....	3" 3" 27"	
Thickness of Plating within line of openings..	✓	✓	" angle.	27" 2 1/2" P. Sheathing.	
If Sheathed, material and thickness .....	✓	✓	Plating, Sheathing, material and thickness ..	27" 2 1/2" P. Sheathing.	
<b>Second Deck, RAISED QUARTER</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells..	72" 34 1/2" 33"		Stringer Plate, breadth and thickness .....	3" 3" 27"	
			" angle.	27" 2 1/2" P. Sheathing.	
			Plating, Sheathing, material and thickness ..	27" 2 1/2" P. Sheathing.	

## SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>UPPER.</i>		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>no.</i>		No. of Rows of Rivets.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.			Diam.	Spacing cr. to cr.
FLAT PLATE KEEL .....	42 1/2"	47"	47" 54"	43"		42" 54" Double	3" 3 1/2"	3 R.	3"	2 1/2"	Lapped.
" <del>Double (if any)</del>	✓	✓	✓	✓		1 1/2" Double.	3" 3 1/2"	2 R.	3"	2 1/2"	Lapped.
BOTTOM PLATING, No. of Strakes .....	A. 54"	37"	37" 16" 46"	33" 16" 37"		" "	" "	"	"	"	"
BILGE PLATING, No. of Strakes .....	B. " "	"	" " "	37"	Bo's'n plates 38"	" "	" "	"	"	"	"
SIDE PLATING, No. of Strakes <i>1. FOR. 2. AFT.</i>	C. " "	"	" " "	37"		" "	" "	"	"	"	"
UPPER DECK, Sheer-strake in Wells <i>FOR.</i>	D. 45"	"	33"	33" 16" 37"		" "	" "	"	"	"	"
" <i>AFT.</i>	E. 54"	"	"	" " "		" "	" "	"	"	"	"
UPPER DECK, Sheer-strake in Bridge <i>AFT.</i>	F. 52"	"	"	33"		" "	" "	"	"	"	"
STRAKE BELOW Sheer-strake in Wells <i>FOR.</i>	G. 44"	51"	33"	✓	67" at Break.	3" 2 1/2" Single	7" 3 1/2" 3 1/2" 63"	3 R = 4 L 6 2 R.	7" 3 1/2" 3 1/2" 2 1/2"	"	"
STRAKE BELOW Sheer-strake in Bridge <i>AFT.</i>	H. 48"	43"	✓	33"	46" at Bridge.	3 1/2" Single	3" 3 1/2"	3 R = 2 L 6 2 R	3" 2 1/2"	"	"
STRAKE BELOW Sheer-strake in Bridge <i>AFT.</i>	F. 52"	44"	33"	✓		5 1/2" 4 1/2" Double	7" 3 1/2" 3 1/2" 3 1/2"	" " " "	" " " "	"	"
BULWARK	G. 44"	41"	✓	33"	67" at Break.	" " " "	" " " "	" " " "	" " " "	"	"
POOP SIDE PLATING	U. D. H. 41"	40" 26"	46" 16" 26"	40" 16" 26"		" " " "	" " " "	1 R.	5"	2 1/2"	"
BRIDGE SIDE PLATING	R. D. J. 40"	46"	✓	✓		2 1/2" Single	5" 2 1/2"	"	✓	✓	30" 33"
FORECASTLE SIDE PLATING	H. 48"	46"	✓	✓		" " " "	" " " "	1 R.	5"	2 1/2"	Lapped.

## WATERTIGHT BULKHEADS.

<b>Total No. of W.T. BULKHEADS in Vessel—</b>					
Extending to Upper Deck (Sec. 3 c) <i>Three.</i>					
" Deck next below <i>✓</i>					
As per Rule <i>4 as approved.</i> <i>Three.</i>					
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>NON W.T. 27.</b>	30" 36"	5 1/2" 3" x 40 B.A.	34"	3" 3" x 32" at 24"	
<b>MIDSHIP BULKHEAD, Upper 'tween decks</b>					
" <i>Second</i>	26"	7" 3" x 49 B.A.	26 1/2"	✓	✓
" <i>Third</i>	31" 29" 40"	7" 3" x 45" " 16 30"	✓	✓	✓
" <i>Holds</i>	✓	✓	✓	✓	✓
<b>COLLISION</b>	24" 30" 41"	4" 3" x 32 A.	27"	✓	✓
<b>AFTER PEAK</b>	1" 30" 50"	4" 3" x 40 B.A.	24"	✓	✓
	0" 30" 19"	3" 3" x 32	24"	W.T. Plak	W.T. Plak

## FORGINGS and CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b>	✓	✓	✓	✓
<b>STEM</b>	Forging 6 3/8" x 1 1/8"	✓	Scottish 5 & S. Co. Ld.	
<b>STERN FRAME</b>	Propeller Post	Forging 6 1/2" x 4"	T. S. Foster & Sons	
	Rudder	"	Sunderland	
<b>Speed of Vessel</b>	Ten Knots.			
<b>RUDDER—Type</b>	Patent Balanced Reaction Rudder			
" A x D .....	As approved 28.12.36.			
" Diam. of head .....	5" T. S. Foster & Sons			
" Mainpiece at top pintle	6 5/8" 4 1/2"			
" " heel ...	4 1/2"			
" how constructed .....	As approved.			
" double or single plate coupling, vertical or horizontal .....	85" 14" dia. 1 1/2" flanges 6 1/2" 1 1/2" flanges			

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)  
*Colvices Ld. The Steel Co. of Scotland Ld. Skinningrove Iron Co. Ld.*  
*The Lanarkshire Steel Co. Ld. Darnley Long & Co. Ld.*  
 Has the Steel been tested as required by the Rules? *Yes.*

*Siemens Martin.*  
*Consett Iron Co. Ld.*



EQUIPMENT No 9641.86.✓												LETTER	k.✓	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.	Cwts.						
49991.	1st Bower ...	19	0	10.	Stockless			19	19	2	21.	19.	"Quick Grip" C.S.H.	✓	C.H. 11.2.37. S.C. Paul.			
49992.	2nd " ...	18	3	18.	"			19	15	1	7.	19.	" " "	✓	" " " "			
49993.	3rd " ...	16	3	7.	"			18	2	3	7.	16½.	" " "	✓	" " " "			
	Collective weight.	54	3	7.	✓							54½.✓						
96096.	Stream .....	5	1	14	✓	1	1	19	✓	7	14	0	7.	✓	5½.	Ordinary	✓	N. 25.2.37. J.A. Reff.

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.		<del>Breaking</del> Test of Steel Wire.	Length and Size per Table 53.	
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.	Length.	Diam.	Length.	Cir.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.
105357	210	1 5/16	31.	46 1/2	189.	2.	14.	185 1/2.	210	1 5/16	Slud.	✓	N. 6.3.37. J. A. Reff.	TOWLINE...	90.	3"	18.6.	90.	3"
														HAWERS & WARPS	90.	2 1/4"	10.8.	90.	2 1/4"
														"	90.	1 3/4"	6.4.	90.	1 3/4"
		Cir.								Cir.									
Iron Steam Chain Steel Wire	60	3 1/4"	✓	21.7 (without)	✓		✓		60.	3 1/4"	G.S.W.	Jarmack Bury & Co. Lpool.		"					

Steering Gear, Steam + Hand combined 5½x5½. Tho. Reid. Paisley										STEERING GEAR, HAND STEAM CAPSTAN 5½x6 Clarke Chapman.					
2. Lifeboats 17.0x6.3x2.6.										Boats 1. Dinghy 15.0x5.3x2.0.					
Boats 1. Dinghy 15.0x5.3x2.0.										Steering Chains, Size and Test 8.9.2.2.0. N. 11.3.37. 90524.					
Ceiling in Holds, thickness and material 2½" White Pine.										Cargo Battens, thickness, material and spacing none.					
Cargo Hatchways.—(Upper Deck) Steel plates + angles										Thickness of Hatches 3" White Pine.					
Size of No. 1 Hatchway (Forward) 39.9x16.3½ at top. 43.4x16.3½ at top.										No. 4 No. 5 No. 6					
Number of Shifting Beams and/or Fore and Afters 66 each Hatch										Plates 21x10½x.38. Angles 3½x3½x.42. Solid Copes 3x1½ = Shifting Beams.					

JOHN LEWIS & SONS Ltd.

Builder's Signature

C. W. Wilson  
SHIPYARD MANAGER

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 **no**.  
(b) whether 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 indicated, together with the flash point.

This vessel has been built in accordance, with the Soc. Letters, the Rules and approved plans for the intended Class 100.A.1.

The materials and workmanship are good.

The Peaks, D.B. Tanks, Buckheads, Weather Decks and Hand Pumps have been satisfactorily tested.

The freeboard markings have been cut in and verified.

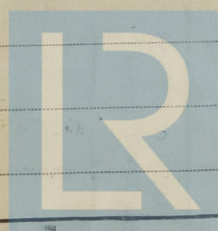
The following approved plans are forwarded herewith, viz:- Profile and Decks, Section, Fore end stiffening, Engine + Boiler Seats, W.T. Buckheads, Stern Frame + Rudder, Stern Cantle, Rudder Trunk, Masts (2) Mast joints, Wash Ports, Rearrangement of Hatch Webs, Wire lashings at Hatches, McFergus Patent Rudder brake and carrier, and Pumping arrangement, together with 2 Reports on Forgings.

Extreme Breadth over Beeling = 32' 0½. ✓ Length overall = 205' 0". ✓

The S.S. "GLENGARRIFF" Abn. Report 18650 is a sister vessel.

The amount of Entry Fee ..... £ 4 : 0 : 0.	Fees applied for, June 8 <sup>th</sup> 1937.	(Special notations, where part of class, to be stated.)
Special Survey Fee.... £ 86 : 16 : 0.	Received by me, 6.8.1937	
Travelling Expenses, if any £ : :		
State whether the Vessel has been built under Special Survey	Yes. ✓	I am of opinion the Vessel should be Classed 100.A.1. CARGO BATTENS NOT FITTED.
Certificate to be sent to Aberdeen.	Date of issue 11/8/37.	Signature T. Richardson. Surveyor to Lloyd's Register of Shipping.

Committee's Minute  
Character assigned + 100A1  
Lloyd's arch.  
Cargo batts not fitted  
OK.  
Extreme breadth 100  
note 18999



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Lloyd's Register Foundation

0311 2/2



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.)

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

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

1st Bower  
2nd "  
3rd "

11. 1. 3. W. H. Hall. 5982. Antwerp. 31. 10. 36.  
10. 3. 8. " 6131. " 18. 12. 36.  
10. 1. 19. A. Bennett. 2747. " 16. 4. 30.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 112.41 ft., Bridge 11.0 ft., Forecastle 30.33 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated ☒

No. and Material of Decks One Deck Steel.

Official No. 162144; Signal Letters

Is bottom of vessel coated with cement

no.

if not give

particulars of composition Inside C.D. Bottom + Peak Tanks, also E + B. Space, up to platform and Bunkers coated with Bitulac Enamel. In Bilges, Bottom half cemented and Bitulac above.

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, N° 2.	66.0.	112. ✓	Fore peak tank,	21.66.	73. ✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	UPPER 7.33.	16½. ✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft, AFTER PEAK TANK.	LOWER 7.33.	9½. ✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward, N° 1.	58.66.	88. ✓	Other tanks, if fitted,	✓	✓
Total capacity of double bottom 124.66		200. ✓	(if necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 1861.

Date 28. 11. 36.

Dates of Surveys held while building

1937. February 1. 26. March 2. 4. 9. 15. 16. 24. 29. April 9. 17. 27. 29.  
May 4. 5. 7. 11. 14. 19. 25. 26. 28. June 2. 3.

Total No. of Visits 24.