

Rpt. 1 **WRECK SECTION**

# STEEL STEAMER OR MOTORSHIP.

**WRECK SECTION**

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 **28-1-53** Port of **Glasgow** No. **49856**

Survey held at **Glasgow** Date First Survey **31<sup>st</sup> October 1950** Last Survey **21<sup>st</sup> January 1953**

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) **Single Screw** "CLYDEFIELD" Machinery Aft

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) **Full Scantling** (Suitable for a Summer draft of 30'-0") State Type of Erections **Pooh, Bridge House & Forecastle**

TONNAGE under Tonnage Deck ... **10087.67**

Do. of space or spaces between Tonnage Dk. and Upper Dk. **10087.67**

nage **11163.20**

nnage **6412.25**

STERED DIMENSIONS.

FEET

**526.7**

**70.3**

**37.75**

CLASS **\*100A1** carrying **petroleum in bulk.** State if with freeboard as condition of Class **No**

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) **L 515.0**

Breadth (greatest moulded) **B 70.0**

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) **D 37.75**

1st Longitudinal Number (L x D) **=**

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

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

Proportions—Depth to Length—Uppermost continuous deck to top of keel **=**

Do. Long Bridge to top of keel **=**

Draught Moulded **30'-0 1/16"**

Built at **Govan, Glasgow**

Launched **16<sup>th</sup> June 1952** Yard No. **14366**

Builders **Harland & Wolff Ltd Glasgow**

Owners **Hunting & Son Ltd**

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

Residence

Port of Registry **Newcastle**

If surveyed while building, afloat, or in dry dock

While building, afloat & in drydock (12.52)

## 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.
MES, Spacing amidships.....	33	(In E.R. for 10-51 30")	Bracket Floors, Frame.....		
" " from 1/2 length amidships to Collision bulkhead.....	27		" " Reversed Frame.....		
" " in peaks.....	24		" " Vertical Struts.....		
E FRAMING.			Centre Girder, depth and thickness amidships in Cargo tanks.....	62 x 45	to inside F.P.
Frame Amidships, Angle, E or C.....	10 3 1/2 44	10 x 3 1/2 x 40" in E.R. at 30" fr. sh.	" " top Angle face plate.....	8 x 56	
" " Extends up to.....	Upper Deck	11 x 3 1/2 x 43" in for 4 D.T. at 27" fr. sh.	" " bottom Angles.....	Welded (5 x 5 x 58" in E.R.)	
Reversed Frame Amidships, Angle.....			" " in Engine Room.....	72 x 58 to 50	
" " Extends up to.....			Side Girders, No. each side and thickness in E.R.....	2 off 75	
Depth of Framing Girder.....	10		Margin Plate depth (excl. of flange) and thickness.....		
Frames in Uppermost Continuous 'tween Decks, Angle, C or E.....			" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem.....		
" " Second 'tween Decks, Angle, C or E.....			" " Vertical Angle to Tank side Bracket from forward 1/2 len. from stem to Panting Area.....		
" " Third.....			" " Gussets, spacing and scantling abaft 1/2 len. from stem.....		
" " from 1/2 len. for'd. to 15% len. from Stem.....	11 3 1/2 43 x 48		" " Gussets, spacing and scantling from forward 1/2 len. from stem to Panting Area.....		
" " in Peaks, Angle, C.....	10 3 1/2 40		Tank Side Brackets, height above base line at toe of Frame and thickness.....	(7'-0" x 46" Frame bkts in Cargo tanks) 9'-0" x 46" in E.R.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships.....	7/8 d. 4 13/16 sh. & 1" d. 5 1/2 sh.		INNER BOTTOM PLATING. (In E.R.)		
State if Frame Joggled.....	Yes		Breadth and thickness of Middle Line Strake.....	94 x 58 (1 3/8" under engines)	
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?.....	Yes		Thickness of remainder in Hull E.R.....	.58	
Are the scantlings and arrangements in way of the Bottom Forward 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	
SINGLE BOTTOM. (In Deep Tank forward)			BEAMS.		
Floors, Depth and thickness at mid-line in Holds.....	4'-0" x 45		Uppermost Continuous Deck, amidships in Wells, Angle, E or C.....	10 3 1/2 43	Longitudinals
Height of Brackets at side above base line at toe of frame.....	7'-0"		" " in way of Bridge, Angle, E or C.....		
Middle Line Keelson, on Floors, Angles, C or E.....	Centre line F & A bulkhead full		Spacing.....	30	
" " Through Plate or Inter-costal Plate.....	depth of tank - 41" plating.		Second Deck, amidships, Angle, E or C.....		
" " Foundation Plate on Floors.....	8 x 4 x 42 1/2 stiffeners		Spacing.....		
" " Flat Plate Keel Angles.....	Welded		Third Deck, amidships, Angle, C or E.....		
Side Keelsons, No. each side.....	2		Spacing.....		
" " thickness of Inter-costal Plate.....	.45		Fourth Deck, amidships, Angle, C or E.....		
" " Angles Welded to shell - 12" x 50" face plate at top.....			Spacing.....		
DOUBLE BOTTOM. (In Engine Room)			Pooh Deck, Angle, E or C.....	8 3 1/2 38	as approved
Solid Floors, thickness and spacing.....	.46 - 30" sh. (O.T. floors .54")		Spacing.....	Every frame	
" " Are Frame and Reversed Frame joggled?.....	No		Bridge Deck, Angle, E or C.....		
Bracket Floors, breadth and thickness at middle line.....			Spacing.....		
" " breadth and thickness at margin plate.....			Forecastle Deck, Angle, E or C.....	9 3 1/2 38 & 8 3 1/2 40	
			Spacing.....	Every frame	



## PILLARS AND DECKS.

	INCHES IN SHIP.	Any Department of Approved Plans to be Noted.		INCHES IN SHIP.	Any Department of Approved Plans to be Noted.
<b>PILLARS, No. of Rows .....</b>					
"      "      "      "      "					
"      "      "      "      "					
"      "      "      "      "					
"      "      "      "      "					
<b>Centre Line Bulkhead. F + A Bulkheads.</b>					
Stiffeners and Spacing ....	10" x .43" S.P. spaced 33"		with 3 stringers as above.		
Plating, thickness of .....	Coaming .58		Remainder .51		
<b>STRINGERS AND DECKS.</b>					
<b>Uppermost Continuous Deck.</b>					
Stringer Plate, breadth and thickness in Wells	68 x .88		At break { 1.06 at hatch } { 1.23 at bridge }		
"      "      "      "      " in way of Bridge					
"      Angle in Wells .....	7   7   .88				
Thickness of Plating abreast Deck openings in way of Wells .....					
Thickness of Plating abreast Deck openings in way of Bridge.....	.88				
Thickness of Plating within line of openings..					
If Sheathed, material and thickness.....	Unsheathed.				
<b>Second Deck.</b>					
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.....					
<b>Third Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness .....					
<b>Fourth Deck.</b>					
Stringer Plate, breadth and thickness.....					
If Plated, state thickness.....					
<b>Poop Deck.</b>					
Stringer Plate, breadth and thickness.....	.31 (sheathed) .34 (unsh)				
Plating, Sheathing, material and thickness .....	.31 (sheath.) .34 (unsheath.) 2 1/2" wood				
<b>Bridge Deck.</b>					
Stringer Plate, breadth and thickness.....					
Plating, Sheathing, material and thickness .....					
<b>Forecastle Deck.</b>					
Stringer Plate, breadth and thickness.....	.34 (.50 in way of windlass)				
Plating, Sheathing, material and thickness .....	unsheathed.				

## SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged?.....	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPE LAP
	Breadth.	Thickness.	Thickness.	Thickness.			SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	
	Inches.	Inches.	Inches.	Inches.		Inches.	Inches.		Inches.	Inches.		
Flat Plate Keel.....	72	1.06	1.06	1.06		Welded			Welded			
„ Dblg. (if any)												
Bottom Plating, No. of Strakes ..... 3.....		.77	.65	.69		Welded			Welded			
Bilge Plating, No. of Strakes ..... 2.....		E .80 F .76	.65	.62		Double	1 7/8	4 1/2 x 3 3/4	"			
Side Plating, No. of Strakes ..... 3.....		.72	.51	G .69 H .1 .51		"	7/8	3 3/4	"	Approved per London Letter	ingit	
Upper Deck, Sheer- strake in Wells.....	65 1/2	1.04	.51	.51	(1.25" at break of hook)	"	1 7/8	4 1/2 x 3 3/4	"	ref. Ship	5/6/52	
Upper Deck, Sheer- strake in Bridge ...												
Strake below Sheer- strake in Wells.....	89	.72	.51	.51		Double	7/8	3 3/4	Welded			
Strake below Sheer- strake in Bridge ...												
Poop Side Plating.....			.46		(.55 fore end)	Single	1 7/8	4 1/2 x 3 3/4	Welded			
Bridge Side Plating.....												
Forecastle Side Plating			.46			Single	7/8	3 3/8	Welded			

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any Plans to
Extending to Upper Deck (Sec. 3 c) <u>16</u>						
,, Deck next below						
As per Rule						
		STIFFENERS.				
Plating Thickness.	VERTICAL.		HORIZONTAL.			
	Scantlings.	Spacing.	Scantlings.	Spacing.		
MIDSHIP BULKH'D, Upper 'tween decks			Wing Tanks Centre Tank	Lower Stringer. 35" x 44" (7'5" to 6'0" F.A.) 31" x 44" (7' x 6'0" F.A.)		
,, Second			Wing Tanks Centre Tank	Middle Stringer. 30" x 43" (5' x 6'0" F.A.) 28" x 43" (5' x 4'3" F.A.)		
,, Third			Wing Tanks Centre Tank	Upper Stringer. 30" x 42" (4' x 5'5" F.A.) 27" x 42" (5' x 4'2" F.A.)		
,, Holds	51" x 47"	10" x 42" B.P. 6" x 3" x 34" A	2'6"	3 Stringers 10'6", 19'0" as above 27'6" from base		
COLLISION (in Hold)	44" x 30"	6" x 5" x 36" A 5" x 3" x 42" A in Chk. W	2'0" and 1'6"	WT flat 16'0" from U.D. and 4 stringers spaced 5'6" approx.		
AFTER PEAK	70" x 30"	5" x 3" x 30" A above Main deck	2'0"	Main Deck 8'3" down Stringer 6'6" from Main d.k. Bolted flat 2'6" from base. 7'5" F.A. 5'6" from Bk flat		
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)		Open Hearth.				
STEEL.		Colvilles Ltd.				
Has the Steel been tested as required by the Rules?		Yes.				



# "CLYDEFIELD"

## 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. Inches.	Rivets in Brackets to Bulkheads.	
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.		Diam.	Speng.		Number.	Diameter.
of $\text{L, L or C}$ .....		17	63	4	4	68	✓		1	6	3 1/2	Welded
Bridge 'tween Decks ...												
om Uppermost Continuous No. 1		17	63	4	4	68	✓					
n Long <sup>ls</sup> - 1			do						1	6	"	"
" 2			do						1	6	"	"
" 3			do						1	6	"	"
" 4			do						1	6	"	"
" 5			do						1	6	"	"
" 6			do						1	6	"	"
" 7			do						1	6	"	"
" 8			do						1	6	"	"
" 9			do						1	6	"	"
" 10			do				(on keel plate)	1 1/8	6 3/4	3 15/16	"	
" 11												
" 12												
" 13												
" 14												
" 15												
" 16												
g of Amidships .....		2'-6"	✓									
dinal At Ends .....		2'-6"	✓									
Tank Top Longitudinals												
Bottom "												
ngitudinals { Amidships												
{ At ends...												
Transverses.												
Depth and Thickness												
Face Angles .....												
Lugs to Shell* .....												
Depth and Thickness		36	43	✓					Welded	✓		
Face Angles Plate...		5	43	✓					"			
Lugs to Shell* .....		Welded	✓									
Depth and Thickness		48 1/2	46	✓	62	50	✓		Welded	✓		
Face Angles Plate...		9	60	✓	12	1.3	✓		"			
Lugs to Shell* .....		Welded	✓		Welded	✓						
" " Back Bars		"			"		✓					
Brackets .....		7'-6"	46	✓	11'-0"	50	✓		Welded	✓		
of Transverse Frames...		11'-0"										
te if joggled or liners.												
Bridge Deck ...								Spacing.	Plate.	Face	Plate	Any departure from Approved Plans to be Noted.
Upper " ...	10	3 1/2	43	✓				2'-6"	In Wing Tanks.	36 x 43	5 x 43	✓
Second " ...									In Centre Tanks.	36 x 43	8 x 56	✓
Third " ...												

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

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

0066 2/5

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Lloyd's Register Foundation



EQUIPMENT No. 57189

LETTER 81

ANCHORS.

Depar- ment of Naval Archite. be No.	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.	qrs.			
48	1st Bower	95	2	0				65	15	0	0	95	✓	Buyers Type C.S.H.	5. Taylor & Sons	LPH-N 9.12.52 H. Murphy
49	2nd "	95	0	21				65	15	0	0	95	✓	- do -	- do -	- do -
50	3rd "	81	2	14				59	10	0	0	81	✓	- do -	- do -	- do -
	Collective weight	272	1	7								271				
9	Stream	28	0	14	7	1	14	27	4	1	14	28	✓	Rodgers "Elex. Welded"	- do -	LPH-N - 10.11.52 H. Murphy

## CHAIN CABLES.

## HAWSERS AND WARPS.

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.	
Length.	Diam.	Statis- tory.	Break- ing.	Supplied.	Per Rule.		Length.	Diam.					Length.	Ins.	Tons.	Length.	Ins.
330 1/2	2 1/2			134.8	188.7	929 3/4	330	2 1/2	WT "Tayco" with lugless joining shackles.	5. Taylor & Sons	LPH-N 21.11.52 H. Murphy	TOWLINE	130	6 1/2	112.3	130	6 1/2
												HAWSERS & WARPS	4@100	2 3/4	15.2	4@100	2 3/4
120	5 1/2			84.4			120	5 1/2									
Makers: Martin Black & Co (Wire Ropes) Ltd. Tested 12.8.52.																	
Makers: Martin Black & Co (Wire Ropes) Ltd. Tested 12.8.52.																	

ear, Type (Power or hand) Hastie - Steam Hydraulic.Alternative Means of Steering Two Independent pumps.hains (Size and Test) Telemotor.Windlass Steam - Emmerson Walker.Boats 3- 24'-0" Wood  
1- 24'-0" wood with motor.Holds, thickness and material NoneCargo Battens, thickness, material and spacing Nonehways.-(Upper Deck) 27 off 4'-0" dia. of steel plates.Thickness of Hatches 50" steel.

hways No. 1 (Fwd.)

No. 2

No. 3

No. 4

No. 5

No. 6

Shifting Beams  
re and Afters

none.

FOR HARLAND AND WOLFF, LIMITED.

Builder's Signature

J. D. Smith

DIRECTOR

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 Motorshipwhether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Tanker. The positions in which oil is carried as fuel or cargo should

icated, together with the flash point (where required to be inserted in the Notation).

has been built under Special Survey in conformity with the Society's Rules and Regulations and Secretary's  
he scantlings and arrangements of the ship are as given in the report and as shown and amended  
approved plans now forwarded. All modifications or additions to the original approved  
ments made during construction have been indicated on the plans and have been approved  
in accordance with, or by standards equivalent to, the Rule requirements. The plans of  
section and profile and decks showing the ship as built, now forwarded herewith, have been  
with the approved arrangements and found in order. The materials and workmanship are  
go tanks, cofferdams, E.R.D.B. tanks, fore and aft peak tanks, forward deep tank, oil fuel bunkers  
ling tanks were tested as required by the Rules and found tight and satisfactory. Oil fuel is  
n oil fuel bunkers forward of Engine space, in D.B. tank in Engine space and in forward  
k. F.P. of oil above 150°F. Section 20 of the Rules complied with where applicable. Weather decks & WT. bds  
tested & found satisfactory. Bilge suction tested and found satisfactory. Steering gear and windlass  
t out under working conditions and found satisfactory. Freeboard marks cut in and verified.

Hand pumps tested and found satisfactory.  
(Special notations, where part of class, to be stated.)

Amount of Entry Fee..... £ : :  
50% old fee. 10 FEB 1953  
Special Survey Fee..... £160/- : :  
Freeboard £ 50/- : :  
Travelling Expenses, if any ..... £ : :  
Received by me, 19

I am of opinion the Vessel should be Classed 100 A1 carrying  
petroleum in bulk.Whether the Vessel has been built under Special Survey Yes.Signature D. B. Cook & Surg. Vulliamy  
for self & A. Pullinate to be sent to Glasgow Date of issue 6/3/53

mittee's Minute

acter assigned

ayd's A.C.P.

igitational framing at bottom &amp; at deck.

+ LMC. 1.53. Oil Engine  
with torsional endorsement  
2 DB - 180 lb.

CLASSIFICATION  
CERTIFICATES WRITTEN

00663



GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded the Plans should be embodied.)

The following plans are applicable to this ship:—

Midship Section (approved & as fitted)

Framing Profile ( " " " " )

Steel Decks ( " " " " )

Fore End Framing.

Aft " "

Part Framing Plan for Shell thicknesses

Fore Peak Bulkhead & Chain Locker

Deep Tank Forward

Floors & Frame Brackets in Forward Wing Tanks

Floors & Wing Brackets in Bunkers & N<sup>o</sup> 8 & 9 Tanks

Oil Fuel Bunkers & Aft Cofferdam Bulkheads

Typical Oillight Transverse Bulkheads & Webs

Engine Seating & Tank Top

Scantlings in way of Machinery Spaces

Engine Oil Tanks & Main Deck Aft

Rudder

Sternframe

Midship Deckhouse & Bridge Deck Plating

Pooh Front & Pipe Passage & Forecastle Front.

Engine & Boiler Casing.

Houses on Pooh Deck & Boat Deck Plating

Scuppers & Discharges

Cargo Pump Seats.

Capacity plan.

The following forging & casting reports are enclosed herewith:—

Tiller ; Upper & Lower Rudder Bearings ; Rudderhead ; Sternframe ; Backpost.

There is no sister vessel.

PARTICULARS OF ELECTRIC WELDING (if employed) Shell plating butts ; bottom plating seams ; all bulkheads seams and butts (except upper deck stringer angles and C stroke p.s.) ; transverses ; web frames ; girders tops of Eng. Room D.B., peaks and forward deep tank ; E.R. D.B. tank ends, floors & intercostals to tank top & pump room seats and sundry minor items.

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

Cruiser Stern ; Oil Engines ; Mch. Aft ; Lloyds A.C.P. ; Gyro C ; E.S.D. ; D.F. ;

Radar ; Wireless ; One steel deck ; 16 W.T. Bhds to U.D.<sup>K</sup>

Long<sup>2</sup> framing at bottom & at deck.

RADAR Equipment (State if fitted) Yes

State Type or Pattern No. Decca Type 12. Display

State } Maker. Name } and/or of Supplier.

Particulars of Drop Test of Cast Steel Anchors, viz.:	1st Bower	Wt. including pin	A. E. G.		
Weight, Surveyor's Initials, Number of Certificate, Date of Test.	2nd "	61 - 2 - 18	A. E. G.	3362	21 - 7 - 52
	3rd "	62 - 0 - 14	A. E. G.	3385	23 - 7 - 52
		55 - 3 - 25	A. E. G.	3323	14 - 7 - 52

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 124.5 ft., R.Q.D. ft., Bridge ft., Fore (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated.

Official No. 169242 Signal Letters MPTS Extreme Breadth over Belting 70.3' Over-all Length 54'

No. and Material of Decks One Steel Deck

Parts of Bottom of Vessel coated with cement or approved composition Fore & Aft Peak tanks cement washed with cement

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.
Double bottom, aft,	Feet.	Tons.	Fore peak tank,	Feet.
Double bottom, under Engines and Boilers, Fys 10-20	25.0	27 F.W.	After peak tank,	26.0
Double bottom, if under Engines only, " 21-51	75.0	O.F.	Deep tank, aft,	20.0
Double bottom, if under Boilers only,			Deep tank, forward,	40.0
Double bottom, forward,			Other tanks, if fitted, O.F. Bunkers & Sett Tanks, Fys 51-56	12.5
Total length (if continuous) and Capacity incl. C.D.	102.5		(If necessary furnish further information by sketch.)	

Order for Special Survey No. 7081

Date 14.6.50.

Dates of Surveys held while building

1950 Oct 31. (1951) Feb 27. Mar 2. Apr. 4. 20. May 2. 4. 18. 22. 24. 28. June 1. 5. 6. 12. 14. 19. 24. July 4. 30. Sep. 10. 11. 17. 21. 27. Oct. 4. 10. 12. 13. 18. 25. 29. Nov. 3. 14. 15. 19. 20. 21. 22. Dec. 3. 6. 10. 12. 13. 17. 19. 29. 17. 21. 22. 23. 25. 31. Feb. 4. 4. 8. 11. 13. 14. 15. 18. 20. 27. Mar. 3. 5. 13. 24. Apr. 7. 9. 14. 18. 23. 24. 25. 30. May. 26. 27. 28. 29. June 3. 4. 6. 9. 12. 13. 17. 20. 24. 26. 27. 28. July 1. 2. 3. 4. 9. 30. Aug. 1. 4. 5. 7. 8. 12. 13. 14. 18. 19. 20. 21. 23. 24. 25. 28. 15. 16. 19. 24. 30. Oct. 6. 9. 13. 14. 24. 26. 30. Nov. 3. 7. 11. 24. Dec. 11. 12. 18. 23. 29. (1953) Jan. 6. Total No. of 7. 9. 12. 13. 16. 20. 21.