

002536-002542-0161/3



## 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 LONGITUDINAL	BND 1 P. 15.	15' 0" FROM C.L.			Stringer Plate, breadth and thickness in way of Bridge					
"	PLATING					Thickness of Plating abreast Deck openings in way of Wells					
"	in 'tween Decks, Size and Spacing				.50	Thickness of Plating abreast Deck openings in way of Bridge					
"	STIFFENERS BR	9	3 1/2	.40		Thickness of Plating within line of openings					
"	FLANGE CUT TO	1 1/2				If Sheathed, material and thickness					
"	SPACED			30"		Third Deck.					
"	2 STRINGERS. SEE PAGE 1	*				Stringer Plate, breadth and thickness					
Centre Line Bulkhead.						If Plated, state thickness					
Stiffeners and Spacing						Fourth Deck.					
Plating, thickness of						Stringer Plate, breadth and thickness					
STRINGERS AND DECKS.						If Plated, state thickness					
Uppermost Continuous Deck.						Poop Deck.					
Stringer Plate, breadth and thickness in Walls		62 x .73				Stringer Plate, breadth and thickness		.40 TAPERED 2 1/2" WOOD			
"	ENDS			.88		Plating, Sheathing, material and thickness		.32 (3/8" COMP)			
"	in way of Bridge					Bridge Deck.					
"	Angle in Walls	6	6	.73		Stringer Plate, breadth and thickness		72 x .28 SHEATHED 2 1/2" WOOD			
Thickness of Plating abreast Deck openings in way of Walls				.63		Plating, Sheathing, material and thickness		.31 (SHEATHED COMPOSITION 3/8")			
Thickness of Plating abreast Deck openings in way of Bridge				.71		Forecastle Deck.					
Thickness of Plating within line of openings						Stringer Plate, breadth and thickness		TAPERED .31			
If Sheathed, material and thickness				NO SHEATHING		Plating, Sheathing, material and thickness		.31 NO SHEATHING UNDER WINDLASH		.50	
UPPER Second Deck.											
Stringer Plate, breadth and thickness in Walls				.40							

## SHELL PLATING.

SCANTLINGS.					RIVETING.				
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.				
	AMIDSHIPS.		FORWARD.	AFT.					
	Breadth.	Thickness.	Thickness.	Thickness.					
Flat Plate Keel	51	.91	.91	.91					
" Dblg. (if any)									
Bottom Plating, No. of Strakes	3	.64	.60	.58	.58 CLEAR OF STEAM FRAME				
Bilge Plating, No. of Strakes	1	.64	.60	.58					
Side Plating, No. of Strakes	2	.61	.50	.45	.47 1/2 A.P.				
Upper Deck, Sheer-strake in Wells	M 72	.82	.75	.45					
Upper Deck, Sheer-strake in Bridge									
Strake below Sheer-strake in Wells	G	.61	.45	.45					
Strake below Sheer-strake in Bridge									
Poop Side Plating				.40					
Bridge Side Plating (SET IN 12')		.40							
Forecastle Side Plating			.40						

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	
Extending to Upper Deck (Sec. 3 c)	16
" Deck next below	
As per Rule	7

MIDSHIP BULKH'D.	VERTICAL PLATING	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
Upper 'tween decks		.50	9 x 38	30 1/2 WING	2 STRINGERS SEE PAGE 1
Bottom STRAKE		.50	OFF SET B.P.	30 CENTRE	
"		.43	RULE CENTRE		
"		.44	" WINGS		
"		.46	" BOTTOM STRAKE		
COLLISION	(in Hold)				
AFTER PEAK					

## FORGINGS AND CASTINGS.

	Castings or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar	FLAT PLATE			
STEM	4 1/2" DIA. ROUND STEEL TO 23' W.L. REMAINDER PLATES			
STERN FRAME	Propeller Post			
	Rudder			
Speed of Vessel	12 KNOTS			
RUDDER—Type	FABRICATED SIMPLEX			
" A x D	300			
" Diam. of head	10"			
" Mainpiece at top pintle (RUDDER POST)	9 3/4" (1" AT BEARING)			
" heel	9 3/4" (10" )			
" how constructed	WELDED			
" double or single plate coupling, vertical or horizontal	DOUBLE .44			
	HORIZONTAL			

## STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) OPEN HEARTH  
 CONSETT IRON CO. CARGO FLEET SKINNING ROVE. APPLEBY FRODINGHAM. COLVILLES.  
 SOUTH DURHAM STEEL CO. OF SCOTLAND  
 Has the Steel been tested as required by the Rules? YES.



EQUIPMENT No. 37198 LETTER Z 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.				
32614	1st Bower	70	3	7	-	-	-	54	5	-		BEARS IMPROVED STOCKLESS	PER W. L. BYERS & CO. LTD. LONDON	17.10.52 R.T. VOGAN
32585	2nd "	64	1	7	-	-	-	50	15	-		"	"	2.10.52 "
32528	3rd "	54	3	7	-	-	-	45	5	3	21	"	"	28.8.52 "
	Collective weight	199	8	21										
32643	Stream	18	-	21	4	3	14	19	4	1	14	ROPEERS FLEET WELDED	NOT STATED	LONDON 28.10.52 R.T. VOGAN

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.		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.	Statu- tory.	Break- ing.	Supplied.			Per Rule.	Length.					Diam.	Length.		Ins.	Length.	Ins.
X 7918	Fathoms	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms	Ins.	"FLORYT" NORTH BRITISH STUDLINK ELECTRIC LUGLESS WELDING CO. LD. SHACKLES	LPHG 31.3.52. L. WRIGHT " 16.7.52. " " 16.7.52. " " 17.7.52. "	TOWLINE	Fathoms	Ins.	Tons.	Fathoms	Ins.	
8063	22 1/2				470	2	22		270	1 1/2				" 16.7.52. "	120	5	70.9	120	5
+ 8062	45	15	94.5	132.3	90	2	1	682 1/4						" 16.7.52. "	2x90	23 1/4			
* 8064	60	16			124	2	17	1100						" 16.7.52. "	2x90	2 1/2			
	90				184	1	12					" 17.7.52. "	HAWSERS & WARPS	5x100	3	25.7	2x90	2 1/2	
7930	420	-	94.5	132.3	3	3	13	-			OPEN LINK ATTACHMENT	" 31.3.52. "							
7920	-	-	28 1/2	42 1/2	-	1	-	-			FORELOCK SHACKLES	" 27.3.52. "							
											BRITISH ROPES	MAKERS 13.1.53 -	6x24			TESTED AT MAY	31.1.53		
from Stream Chain Steel Wire	90	4 3/4	-	64.6	-			-	90	4 3/4	6x24		6x24			MAKERS	11.10.52		

Steering Gear, Type (Power or hand) STEAM-HYDRAULIC BY J. HASTIE & CO. Alternative Means of Steering PULLEY TACKLE & STEEL WIRE WORKED BY AFT WINDLASS  
Steering Chains (Size and Test) TELE MOTOR CONTROL Windlass STEAM (CLARKE CHAPMAN) Boats 3 - FLEMING HANDRAIP 46 P  
Ceiling in Holds, thickness and material NONE Cargo Battens, thickness, material and spacing   
Cargo Hatchways. (Upper Deck) STEEL COAMINGS & COVERS { OIL TIGHT TO TANKS } WATER HOLD & STORES Thickness of Hatches 50 & 40  
Hatchways 6'-9" x 10'-0" { TO FORE HOLD } { TO MAIN TANKS } { TO SUMMER TANKS } { TO WING TANKS }  
of Shifting Beams } 1 FORE & AFTER IN FORE HOLD HATCH  
Fore and Afters }  
Builder's Signature SWAN, HUNTER, & WIGHAM RICHARDSON, LTD. W. BUCKIE

RODES 12 LUGLESS JOINING SHACKLES & 4 END SHACKLES & 4 SPARE END SHACKLES (3-1-16) 7918 & 8063 STORED IN FORD MAIN C.L.  
" 3 " " " 6 SPARE JOINING SHACKLES (1-3-2) 8062 " " " WING CL  
" 2 " " " & 4 END SHACKLES 8064 " " " AFT  
" 4 " " " & 4 " "

AL 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 MOTORSHIP  
(b) whether 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 be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built under special survey in conformity with the Society's Rules & Regulations & the Secretary's  
The scantlings & arrangements of the ship are as given in the report & as shown & amended on the approved plans.  
forwarded. All modifications or additions to the original approved arrangements, made during construction, have been  
noted on the plans & have been approved as being in accordance with, or by standards equivalent to, the Rule  
requirements. The plans of midship section & profile & decks, showing the ship as built, now forwarded herewith, have been  
checked with the approved arrangements & found in order. The material & workmanship are good. Cargo oil tanks, &  
also, oil fuel bunkers, deep tank forward, peak tanks, fresh water tanks, d.b. tanks & cofferdams, bulkheads & decks  
have been tested to Rule requirements & found satisfactory. The steering gear, windlass & bilge suction tried under working  
conditions & found satisfactory. Oil fuel is carried in bunkers aft, deep tank forward & part d.b. aft under machinery.  
The freeboard marks on the ship's sides have been verified, cut in & painted. The ship was examined in dry dock  
and in order on 16th August 1953. De-gaussing cables have been fitted in the ship. The requirements of  
Chapter F (fire-extinguishing) have been complied with.

The amount of Entry Fee. { 5% OLD } { 95% NEW } £1124-0-0  
FREEDOM ASSIGNMENT  
Special Survey Fee..... £ 44-0-0  
Travelling Expenses, if any ..... £ : : 19

(Special notations, where part of class, to be stated.)  
" PART ELECTRICALLY WELDED  
" LONGITUDINAL FRAMING AT BOTTOM & DECK "

I am of opinion the Vessel should be Classed +100A1  
" CARRYING PETROLEUM IN BULK "

State whether the Vessel has been built under Special Survey YES

Signature Al Hunter  
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to NEWCASTLE-ON-TYNE Date of issue 18/10/53

Committee's Minute

Character assigned

+100A1 Carrying Petroleum in bulk.  
8.53 Nwc.  
Lloyd's A1 CP.  
+ LMC 8.53 Oil Eng.  
CL  
2 DB 150 lb.

CLASSIFICATION  
CERTIFICATES WRITTEN

002536-002542-0101713



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.)

No SISTER SHIP. SIMILAR SHIPS:—"BURMAH EMERALD" CANNELL LAIRD YARD N°1224 ✓  
"BURMAH STAR" " " " " ✓

PLANS AS PER ATTACHED LIST FORWARDED HERewith ✓

CERTIFICATES FOR STEERING GEAR & DERRICK TUBES & FOR FORGED BACK POST OF STERN FRAME ✓

REPORTS FOR FABRICATED STERNFRAME, FABRICATED RUDDER, TILLER, ✓

SPARE TILLER, RUDDER BEARINGS & RINGS ARE FORWARDED HERewith ✓

No P.403 STEEL USED IN CONSTRUCTION OF THIS SHIP ✓

THIS SHIP HAS BEEN FITTED WITH DE-GAUSSING CABLES ✓

### PEAK BULKHEADS

	PLATING FROM UPPER DECK	VERTICAL STIFFENERS SCANTLING	SPACING	HORIZONTAL STIFFENERS SCANTLING	SPACING
FORE PEAK BULKHEAD	.30 .30 .33 .37 .50 ✓	O.A.R. 3x3x32, 10x4x44 7x4x48, 8x4x48 5x4x37, 4x3x35	24" ✓	STRINGER & DECKS ON FORE SIDE ✓	
AFT PEAK BULKHEAD	.30 .33 .40 1.25, .75 ✓	O.A.R. 5x3x30 ✓ 6x3x36	24" ✓	6x3x50 O.A.R. 5x50 FLAT BULKHEAD FLAT ON FORE SIDE. ✓	

PARTICULARS OF ELECTRIC WELDING (if employed) The following main items of vessel welded electrically using electrodes & procedure in accordance with the Rules:— BUTTS & SEAMS OF BOTTOM, SIDE & UPPER DECK PLATING, BUTTS ONLY OF SHEERSTRAKE & BILGE STRAKE, ALL INTERNAL STRUCTURE, d.f. STRUCTURE & DECK HOUSES. ✓

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

"CARRYING PETROLEUM IN BULK" "LONGITUDINAL FRAMING AT BOTTOM & DECK"  
"PART ELECTRICALLY WELDED" "LLOYD'S A.C.P." "CRUISER STERN" "MACHY. AFT"  
"SING. SC." "E.S.D." "D.F." "RADAR" (Lloyd's)

RADAR Equipment (State if fitted) YES

State Type or Pattern No. TYPE 167 SERIAL N° R 1262

State Name of Maker and/or Supplier DECCA. ✓

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

1st Bower 44.3.7 A.E.G. 3173 2.5.52 ✓  
2nd " 39.3.7 A.E.G. 2919 28.12.51 ✓  
3rd " 34.3.21 A.E.G. 3099 7.3.52. ✓

\*INCLUDING PINS \*

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 96.2 ft., R.Q.D. — ft., Bridge 46.0 ft., Forecastle 26.5 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. NOT JOINED ✓

Official No. 185941 Signal Letters MQKM Extreme Breadth over Bulkhead 57.8 ft. (Circ. 1611) Over-all Length 434.2 ft. (Circ. 1703) ✓

No. and Material of Decks 1. STEEL ✓

Parts of Bottom of Vessel coated with cement or approved composition CEMENT IN PEAK TANKS. ✓

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.	SALT Water Capacity.	Where Fitted.	Length.	SALT Water Capacity.
Double bottom, <del>13-18</del> FEED WATER ONLY	12.5	16.0	Fore peak tank,	—	170
Double bottom, <del>18-24</del> COFFERDAM	15.0	—	After peak tank,	—	49
Double bottom, <del>24-29</del> FEED WATER	12.5	27.0	Deep tank, aft, OIL FUEL BUNKER	9.0	398.0
Double bottom, <del>29-30</del> COFFERDAM	2.5	—	Deep tank, forward,	22.5	260
Double bottom, <del>30-38</del> OIL FUEL ONLY	20.0	80.0	Other tanks, if fitted, F.W. AFT B.R.	18.2	109
Total length (if continuous) and Capacity	62.5	123.0	AFT COFFERDAM (If necessary furnish further information by sketch.)	3.5	156
			FOR'D COFFERDAM	3.5	130

Order for Special Survey No. 5993

Date 2/5/51

Dates of Surveys held while building

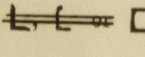
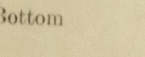
(1951) DEC. 6, 7, 12, 21, (1952) JAN. 8, 22, FEB. 25, 28, MAR. 3, 6, 9, 12, 14, 17, 27, 28, APR. 2, 10, 18, MAY. 6, 28, JUNE. 11, 30, JULY. 2, 9, 15, 22, AUG. 12, 20, 25, SEPT. 5, 9, 12, 15, 18, 22, 29, 25 OCT. 1, 6, 7, 8, 10, 14, 15, 17, 22, 23, 29, 31, NOV. 3, 5, 7, 10, 13, 18, 20, 24, 26, 28, DEC. 2, 9, 12, 19, 23, 21, (1953) JAN. 6, 8, 9, 12, 15, 16, 21, 22, 27, 29, FEB. 2, 3, 4, 5, 6, 9, 10, 11, 13, 16, 17, 18, 19, 20, 23, 24, 26, 27, MAR. 2, 3, 4, 5, 9, 10, 11, 12, 13, 16, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, APR. 1, 7, 14, 17, 27, 29, MAY. 1, 11, 13, 18, 19, 20, 31, JUNE. 4, 5, 8, 12, 16, 18, 26, 29, 30, JULY. 2, 7, 14, 16, 20, 24, 27, AUG. 12, 14, 16, 19, 21, 24, 25, 26, 27, 28, 30, 31

Total No. of Visits 162



## PARTICULARS OF LONGITUDINAL FRAMING.

F9 SEP 1918

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.		Speng.	Ins.		
aming of 								<b>INTERNAL STRUCTURE ALL WELDED</b>			
ames in Bridge 'tween Decks ...								<b>TANKS 1-6 (INCL.)</b>			
ames from Uppermost Continuous Deck								<b>UPPER STRINGERS LOWER</b>			
No. 1								PLATE	FACE FLAT	PLATE	FACE FLAT
" 2								SHELL	25x.50 (.42)	5x.50 ✓	27x.50 (.42)
" 3								LONG. BHD	24½x.50 (.40)	5x.50 ✓	26½x.50 (.40)
" 4								TRANS. BHD CENTRE	32½x.50 (.42)	6x.55	34x.50 (.42)
" 5								" " WING	24½x.50 (.40)	5x.50 ✓	25x.50 (.40)
" 6											
" 7											
" 8											
" 9											
" 10											
" 11											
" 12											
" 13											
" 14											
" 15											
" 16											
acing of longitudinal frames	Amidships			At Ends							
ble oms or 	Tank Top Longitudinals			Bottom							
ng of Longitudinals	Amidships			At Ends...							
Transverses.											
ide en Decks	Depth and Thickness			Face Angles							
	Lugs to Shell*										
le fold	Depth and Thickness			Face Angles							
	Lugs to Shell*										
	Depth and Thickness			Face Angles							
	Lugs to Shell*										
	" " Back Bars										
	Brackets										
g of Transverse Frames											
* State if joggled or liners.											
11. udinal	Bridge Deck										
is of	Upper										
8.16	Second										
30	Third										

**TRANSVERSE FRAMING AT SIDES**

**TANKS 7+8**

**THICKNESSES IN BRACKETS ARE RULE THICKNESSES.**

**TANKS 6, 7+8 UPPER STRINGER BECOMES BOTTOM OF SUMMER TANKS**

**TANKS 7+8 STRINGERS**

**UPPER LOWER**

**PLATE F. FLAT PLATE F. FLAT**

**SHELL & LONG BHD (N°8 ONLY) BTM OF SUMMER TANKS**

**TRANS BHD CENTRE**

**" " WINGS BTM OF SUMMER TANKS**

**28x.50 (42) 6x.50**

**34½x.50 (42) 8x.50**

**25x.50 (40) 4x.50**

**30° CENTRE TANKS**

**30½ WINGS**

**DO.**

**DECK TRANS**

**WINGS N°8**

**CENTRE N°8**

**SPACING OF TRANSVERSES**

**10' 0"**

**(7' 6" IN TANKS 7+8)**

**STRUTS**

**18x.50**

**5x.50**

**10x3½x3½x ¼" .56**

**(TOP FLANGE CUT TO 1½")**

**CG PLATE 54½x.50 (.38)**

**57½x.50**

**4x.50**

**WEB ON TRANS BHD**

**PLATE 39½x.44**

**F. FLAT 12x.50**

**N°8 TANK**

**52x.46**

**12x.76**

**N°7+8**

**48½x.46**

**12x.52**

**CG PLATE 63x.50**

**F. FLAT 12x.122**

**TRANS IN N°8**

**TOP 10x.42**

**LONG BHD 18x.42**

**SHELL 33x.42**

**F. FLAT 5x.40**

**CL**

**BRIDGE DECK**

**TRANSVERSE BEAMS**

**8 3½ .43**

**WELDED**

**DTTO**

**CENTRE T. WING**

**30°**

**30°**

**Transverse Beams.**

**AS PER SKETCH**

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.

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.

002536-002542-0161 3/3