





PILLARS AND DECKS.			
INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	
PILLARS, No. of Rows	CANTILEVER BRACKETS IN LIEU EVERY 4TH FRAME	STRINGER ANGLE	3/2 3/2 32 ✓
" in 'tween Decks, Size and Spacing	✓	Stringer Plate, breadth and thickness in way of Bridge	✓
" " " " " "	3" DIA. @ ✓	Thickness of Plating abreast Deck openings in way of Wells	STRINGER ONLY ✓
" " " " " "	FRS. 33 & 72	Thickness of Plating abreast Deck openings in way of Bridge	✓
" " " " " "	6x3x3x375 ✓	Thickness of Plating within line of openings	33 ✓ APPD. 28 ✓
Centre Line Bulkhead.	AT BREAK OF R.Q. ONLY 5x2 1/2 x 368.4 EVERY FRAME	If Sheathed, material and thickness	NO SHEATHING ✓
Stiffeners and Spacing	✓	Third Deck.	
Plating, thickness of	30 ✓	Stringer Plate, breadth and thickness	✓
STRINGERS AND DECKS.		If Plated, state thickness	✓
Uppermost Continuous Deck.	7 1/2 x 45 APPD. 35 ✓	Fourth Deck.	
Stringer Plate, breadth and thickness in Wells	✓	Stringer Plate, breadth and thickness	✓
" " " " " "	✓	If Plated, state thickness	✓
" Angle in Wells	3 1/2 3/2 40 APPD. 35 ✓	Poop Deck.	
Thickness of Plating abreast Deck openings in way of Wells	STRINGER ONLY ✓	Stringer Plate, breadth and thickness	✓
Thickness of Plating abreast Deck openings in way of Bridge	✓	Plating, Sheathing, material and thickness	✓
Thickness of Plating within line of openings	30 ✓	Bridge Deck.	
If Sheathed, material and thickness	NO SHEATHING ✓	Stringer Plate, breadth and thickness	✓
Second Deck.		Plating, Sheathing, material and thickness	✓
Stringer Plate, breadth and thickness in Wells	7 1/2 x 37 APPD. 32 ✓	Forecastle Deck.	
		Stringer Plate, breadth and thickness	28 ✓
		Plating, Sheathing, material and thickness	28 ✓

SHELL PLATING.			
SCANTLINGS.			
STRAKES.	AS IN VESSEL.		ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
	AMIDSHIPS.	FORWARD.	
	Breadth.	Thickness.	
Flat Plate Keel	3 1/2	43	39 41
" Dblg. (if any)	A. 60	34	30 30
Bottom Plating, No. of Strakes	B. 60	34	30 30
Bilge Plating, No. of Strakes	C. 58	34	32 30
Side Plating, No. of Strakes	D. 53	50	30
Upper Deck, Sheer-strake in Wells	E. 53	55	30
Upper Deck, Sheer-strake in Bridge	F. 46 1/2	38	25
Strake below Sheer-strake in Wells	E. 53	48	34
Strake below Sheer-strake in Bridge			
Poop Side Plating			25
Bridge Side Plating			
Forecastle Side Plating			25

RIVETING.			
EDGES.		BUTTS.	
State if joggled?		No.	
SINGLE OR DOUBLE.	RIVETS.	No. of Rows of Rivets.	RIVETS.
	Diam.		Diam.
	Spacing cr. to cr.		Spacing cr. to cr.
Inches.	Inches.	Inches.	Inches.
DOUBLE	7/4	3	WELDED
DOUBLE	5/8	2 1/2	
"	"	"	"
"	3/4	3	"
"	5/8	2 1/2	"
"	"	"	"
"	"	"	"
"	"	"	"
SINGLE	5/8	2 1/2	"
SINGLE	5/8	2 1/2	"

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

FORGINGS AND CASTINGS.			
Casting or Forging.		Any Departure from Approved Plans to be Noted.	
KEEL, Bar	✓		
STEM	7" x 1"		
STERN FRAME	Propeller Post F.S. 6" x 2 1/8" & Sons Ld. ✓		
Rudder	F.S. 5 1/4 x 2 1/4" D° ✓		
Speed of Vessel	10 1/4 KNOTS ✓		
RUDDER—Type	SEMI-BALANCED ✓		
" A x D.	21-18		
" Diam. of head	4" ✓		
" Mainpiece at top pintle	4" x 4" ✓		
" heel	4" x 4" ✓		
" how constructed	F.S. FRAME & IARM T.S. FORSTER & Sons Ld. ✓		
" double or single plate coupling, vertical or horizontal	DOUBLE 26 ✓		
	HORIZONTAL ✓		

STIFFENERS.			
VERTICAL.	HORIZONTAL.		
	Scantlings.	Spacing.	
X STIFFERS WELDED TOE ON TO BHD. ✓			
MIDSHIP BULKHEAD, Upper 'tween decks	✓		
" Second	✓		
" Third	✓		
" Holds	FR. 56 5/16 x 1/4 4x6x5/16 2 1/2" ✓		
COLLISION	FR. 78 3/4 3x3x1/16 O.A. x 24" ✓		
AFTER PEAK	FR. 5 3/4 3x2 1/2 x 25" 24" ✓		

STEEL.	
Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	
PLATES: APPLEBY FRODINGHAM STEEL CO. LD.	
SECTIONS: DORMAN LONG & CO. LD., BAIRD & SCOTTISH STEEL LD., CARGO FLEET IRON CO. LD., CONSETT IRON CO. LD.	
Has the Steel been tested as required by the Rules?	
YES ✓	

EQUIPMENT No. 65973				LETTER 3				ANCHORS.					
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 53.		Description of Anchor.		Makers.	
46385	1st Bower	10	1	21	1	12	8	3	0	10 1/4	BYERS IMPROVED TYPE	NOT KNOWN	LPH-5 7-9-44
46386	2nd "	10	1	23	1	12	8	3	0	10 1/4	D°	"	LPH-5 7-9-44
46387	3rd "	8	3	12	1	11	0	0	0	8 1/4	D°	"	LPH-5 7-9-44
58090	Stream	29	3	2	1	3	22	5	18	3	0	3 1/2	ORDINARY FORGED W.I.

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.	
68812A	160	1 1/2	20	10	30	10	98	3	16	95 1/4	16 1/2	1 1/2	LINK	HENRY REECE	LPH-CH 29-8-44	W. V. NORMAN	6x12 FSWR	75	2 1/2	13-2	75	2 1/2	
69328	5	1 1/4	20	10	30	10	3	0	20				"	"	LPH-CH 27-1-45	W. V. NORMAN	6x12 FSWR	90	2	8-3	90	2	
69329	5	1 1/4	20	10	30	10	3	0	22				"	"	LPH-CH 27-1-45	W. V. NORMAN	6x12 FSWR						
60	2 1/2	13.9					See letter 30.4.45		60	2 1/2													

Steering Gear, Type (Power or hand) **ELECTRIC HYDRAULIC BY DONKIN & CO.** Alternative Means of Steering **RELIEVING TACKLE FROM TILLER TO CAPSTAN AFT 2 @ 19' x 6" x 2" C.**

Steering Chains (Size and Test) **ELECTRIC Windlass BY THOS. REID & SONS (PAISLEY) LTD.** (BOTH FITTED WITH MOTOR) (NONE FITTED TO BE FITTED LATER AS OCCASION OFFERS)

Ceiling in Holds, thickness and material **BILGES ONLY TANK TOP INCREASED .08 THROUGHOUT** Cargo Battens, thickness, material and spacing **3" DEEP SIMPLEX STEEL HATCHES**

Cargo Hatchways.—(Upper Deck) **STEEL PLATES AND ANGLES** Thickness of Hatches **3" DEEP SIMPLEX STEEL HATCHES**

Size of Hatchways No. 1 (Fwd.) **33' 0" x 14' 0"** No. 2 **40' 4" x 14' 0"** No. 3 **34' 10" x 14' 0"** No. 4 **34' 10" x 14' 0"** No. 5 **34' 10" x 14' 0"** No. 6 **34' 10" x 14' 0"**

Number of Shifting Beams **FOUR AT N° 1 HATCH; FIVE AT N° 2 HATCH.**

Builder's Signature **J. McNeill** DIRECTOR

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 **✓** 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 in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements are in accordance with, or equivalent to, those shown on the approved plans. The materials and workmanship are good. The double bottom tanks, fore and aft peak tanks, decks, watertight bulkheads, land pump, windlass and steering gear, have been tested in accordance with Rule requirements and found satisfactory. The freeboards as assigned by this Society have been cut in the vessels' sides and verified. N° 3 double bottom tank is for the carriage of oil fuel, F.P. above 150°F. for the use of the motor engines.*

The amount of Entry Fee **£ 3 : 0 : 0** Fees applied for, **10-4-1945** (Special notations, where part of class, to be stated.)

Special Survey Fee **£ 49 : 6 : 0** Received by me, **FREEBOARD 6 : 0 : 0** Travelling Expenses, if any **£ : : ✓** 19

I am of opinion the Vessel should be Classed **+ 100A1**

State whether the Vessel has been built under Special Survey **YES** Signature **J. McNeill** Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to **Lith** Date of issue **16/5/45**

Committee's Minute **Glasgow** **FRI. 27 APR 1945**

Character assigned **+100A1** **Lloyd's A & CP** **+LMC 4.45 Oil Eng.** **O.G.**

*While Lth Spl.*

*note for S.R.L. (h.m.)*



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.)

The vessel is a sister ship to M.V. "ORIOLE" LEITH REPORT N<sup>o</sup> 19954  
M.V. "EDINA" " " " 19975  
M.V. "KINGFISHER" " " " 21339

Copies of approved plans for this vessel are available in the London Office  
The following plan is enclosed with this Report:— W.T. Bulkhead 56. ✓  
3 Casting and Forging Reports are forwarded herewith. ✓

PARTICULARS OF ELECTRIC WELDING (if employed) Shell seams and butts and tank frames to shell in way of oil fuel tank (frs. 20-35), tank top seams and butts, butts of keel plates, shell, tank margin and centre girder. Seams and butts of all decks, W.T. bulkheads, Engine Casing, and numerous items of minor importance throughout vessel. ✓

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book 1 Deck (Stl.); Cruiser Stern; Machinery Aft; Oil Engines. Part elec. welded.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	6 - 3 - 2	A.E.G.	953	12-7-44
	2nd "	6 - 3 - 1	A.E.G.	982	17-7-44
	3rd "	5 - 2 - 4	A.E.G.	6163	4-7-44

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 48.5 ft., R.Q.D. 55.0 ft., Bridge 26.75 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated. COMBINED POOP AND R.Q. DECK. ✓  
Official No. 180541 Signal Letters MJMV Extreme Breadth over Belting 27.15' Over-all Length 169.5' ✓  
No. and Material of Decks 1 DK. (STL.)  
Parts of Bottom of Vessel coated with cement or approved composition N<sup>o</sup> 1 & 2 D.B. TANKS, ENGINE ROOM (OPEN FLOORS), & BILGES  
COATED WITH BITUMEN; PEAK TANKS CEMENTED. N<sup>o</sup> 3 D.B. TANK (OIL FUEL) LEFT BARE ✓  
Particulars of composition (if fitted) and of approval BITULAC

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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓	✓	Fore peak tank,	17.33	49.0 ✓
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	9.18	13.5 ✓
Double bottom, if under Engines only, COFFERDAM (35.36)	1.83 ✓	3.0	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only, N <sup>o</sup> 3 TANK	27.50 ✓	33.0	Deep tank, forward,	✓	✓
Double bottom, forward, N <sup>o</sup> 2	34.83 ✓	51.5	Other tanks, if fitted, FRESH WATER (RAISED TANK)	✓	5.25 ✓
Double bottom, forward, N <sup>o</sup> 1	42.18 ✓	45.0	(If necessary furnish further information by sketch.)	✓	✓
Total length (if continuous) and Capacity	106.34 ✓	132.5 ✓			

Order for Special Survey No. 2080

Date 1-10-43

Dates of Surveys held while building

1944:— FEB. 18, 21; MAR. 2, 13, 24, 30; APRIL 27; MAY 9, 24, 30; JUNE 21, 30; JULY 10, 19  
AUG. 2, 22, 25, 26; OCT. 27; NOV. 9, 17, 23; DEC. 8, 14, 19; 1945:— JAN. 5, 8, 9,  
11, 15, 16, 17, 19, 22, 23, 24, 25, 30; MAR. 5, 7, 9, 16, 20, 22, 28, 31; APRIL 3, 4, 6.

Total No. of Visits 49