

State if Report is sent on the Machinery of the Vessel Yes

On the (State if Machinery Fitted Aft and  
is Single, Twin or Triple Screw) Single Screw "LIDA" machinery amidships

State Type (Full Scantling, Complete Superstructure  
with or without Tonnage Openings) Full Scantling Forecastle and  
Combined Bridge  
+ Roof

State Type of Erections

Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓ **Length** from fore part of stem to after part of stern } post on summer L.W.L. See Sec. 3 (1a) } **L** 240.0 ✓ **Launched** 26<sup>th</sup> Aug 1938 **Yard No.** 1602 **Builders** Swan Hunter & Wigham Richardson Ltd

Gross Tonnage 1387.30 deck. See Sec. 3 (c) 11  
 Register Tonnage 771.32 1st Longitudinal Number (L x D) 4348 Managers 1

2nd Numeral  $L \times (B + D) \dots\dots\dots = 13588 \checkmark$  (Where necessary to be entered in Reg. Book.)

**REGISTERED DIMENSIONS.**  
FEET.

**Framing Depth "d,"** at middle of length. See } *15.37*  
Sec. 3 (1d) ..... }

Residence .....  
Gdansk

<b>Length</b>	242.95	<b>Proportions</b> —Depth to Length—Uppermost continuous deck to top of keel .....	13.24 ✓	<b>Port of Registry</b>	Danish
	12.7	Do. Lower Bridge to top of keel .....	8.37	If surveyed while building afloat or in dry dock	

Breadth	38.10	Do.	Long Bridge to top of keel	7.51	1) surveyed while building, afloat, & in dry dock
Depth	16.10	Draught Moulded		16' 8 1/2"	Building & afloat ✓

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
<b>FRAMES, Spacing amidships .....</b>	23"	✓	<b>Bracket Floors, Frame .....</b>	✓	
" " from $\frac{3}{8}$ length to Collision bulkhead.....	18"	✓	" " Reversed Frame .....	✓	
" " in peaks.....	23" aft 18" fwd	✓	" " Vertical Struts .....	✓	
<b>SIDE FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	33"x 40	✓
<b>Frame Amidships, Angle, [ or ] .....</b>	7 3 .31	✓	" " top Angles ..... Sing. 6 x 3 3 .36	✓	
" " Extends up to .....	Upper db	✓	" " bottom Angles ..... Sing. 4 x 3 3 3 40	✓	
<b>Reversed Frame Amidships, Angle .....</b>	✓		<b>Side Girders, No. each side and thickness .....</b>	1 - 30	✓
" " Extends up to...	✓		<b>Margin Plate depth (excl. of flange) and thickness .....</b>	23 1/2 x 36	✓
<b>Depth of Framing Girder.....</b>	7"	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem .....	3 3 .32	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle, [ or ] .....</b>	✓		" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem .....	5 5 .32 fwd 9 3/4 L	✓
" " Second 'tween Decks, Angle, [ or ] .....	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem.....	✓	
" " Third " " " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem.....	✓	
<b>Framing in Peaks, Angle or [ .....</b>	7 3 1/2 .31 F.P. A.P.	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	44 1/2 x 35	✓
<b>Diameter and Spacing of Rivets through Frame and Shell Plating amidships .....</b>	3/4" - 5/16"	✓	<b>INNER BOTTOM PLATING.</b>		
<b>State if Frame Joggled .....</b>	Yes	✓	Breadth and thickness of Middle Line Strake ...	48" x 38	✓ 43"
<b>PANTING ARRANGEMENTS (Sec. 7), state system and particulars)</b>	Shingles & deck framing as per app'd plans ✓ Bottom shell plating increased add'l inter-bracket & double ruled floor bottom bars & as per app'd plans ✓		Thickness of remainder in Holds .....	.32	✓
<b>STRENGTHENING OF BOTTOM FORWARD. State Particulars .....</b>			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	✓
<b>SINGLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Floors, Depth and thickness at mid-line in Holds .....</b>			<b>Uppermost Continuous Deck, amidships} in Wells, Angle, [ or ] .....</b>	6 3 .34	1/2 beams
Height of Brackets at side above base line at toe of frame .....			" " " in way of Bridge, Angle, [ or ] .....	7 3 .31 5 3 .28	Thro' " 1/2 "
<b>Middle Line Keelson, on Floors, Angles, [ or ] .....</b>			Spacing .....	23"	✓
" " Through Plate or Intercoastal Plate...			<b>Second Deck, amidships, Angle, [ or ] .....</b>	✓	
" " Foundation Plate on Floors .....			Spacing.....	✓	
" " Flat Plate Keel Angles			<b>Third Deck, amidships, Angle, [ or ] .....</b>	✓	
<b>Side Keelsons, No. each side .....</b>			Spacing.....	✓	
" " thickness of Intercoastal Plate...			<b>Fourth Deck, amidships, Angle, [ or ] .....</b>	✓	
" " Angles .....			Spacing.....	✓	
<b>DOUBLE BOTTOM.</b>			<b>Long Poop Deck, Angle, [ or ] .....</b>	6 3 .30 5 3 .28	1/2 x 3 x 28 1/2 x 3 x 34 L
<b>Solid Floors, thickness and spacing .....</b>	.32 every frame Yes Rev fr. No	✓	Spacing.....	23"	✓
" " Are Frame and Reversed Frame joggled?.....	✓		<b>Bridge Deck, Angle, [ or ] .....</b>	✓	
<b>Bracket Floors, breadth and thickness at middle line.....</b>	✓		Spacing.....	✓	
" " breadth and thickness at margin plate.....	✓		<b>Forecastle Deck, Angle, [ or ] .....</b>	7 3 .33	✓
			Spacing .....	alt.	✓

## 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> .....	<i>Two</i>		Stringer Plate, breadth and thickness in way of Bridge .....	✓	
„ in 'tween Decks, Size and Spacing	} <i>wide spaced pillars as approved</i>		Thickness of Plating abreast Deck openings in way of Wells .....	✓	
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
„ in Holds „ „		✓	Thickness of Plating within line of openings...	✓	
„ „ „ „ „			If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	✓		If Plated, state thickness.....	✓	
<b>STRINGERS AND DECKS.</b>			<b>Fourth Deck.</b>		
<b>Uppermost Continuous Deck.</b>			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	<i>54 x 46</i>	✓ <i>49 x 46</i> ✓	If Plated, state thickness .....	✓	
„ „ „ „ in way of Bridge	<i>54 x 34</i>	✓ <i>42 x 34</i> ✓	<b>Poop Deck.</b>		
„ Angle in Wells .....	<i>5 5 46</i>	✓	Stringer Plate, breadth and thickness .....	<i>46 1/2 x 36</i> ✓	<i>45 x 36</i> ✓
Thickness of Plating abreast Deck openings in way of Wells .....	<i>40</i>	✓	Plating, Sheathing, material and thickness .....	<i>32 up deck</i> ✓	<i>30 inside deck house</i>
Thickness of Plating abreast Deck openings in way of Bridge .....	<i>30</i>	✓	<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	<i>30 inside combined Prof. &amp; Bridge</i>	✓	Stringer Plate, breadth and thickness.....		
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ..		
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	✓		Stringer Plate, breadth and thickness.....	<i>23 x 32</i>	✓
			Plating, Sheathing, material and thickness ..	<i>32 bare steel</i>	✓

## SHELL PLATING.

SCANTLINGS.					RIVETING. <i>Amidships</i>								
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. <i>No</i> State if joggled?			BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam.	Spacing cr. to cr.		Diam. Inches.	Spacing cr. to cr. Inches.		
FLAT PLATE KEEL .....	<i>42½</i>	<i>.52</i> ✓	<i>.48</i> ✓	<i>.48</i> ✓		<i>double</i>	<i>¾</i>	<i>3</i>	✓ <i>Triple</i>	<i>⅞</i>	<i>3⅞</i>	<i>lapped-</i>	
„ DBLG. (if any)		✓	✓	-									
BOTTOM PLATING, No. of Strakes ..... <i>2</i> ..		<i>.42</i> ✓	<i>.47 +</i> <i>.56</i> ✓	<i>.38</i> ✓		<i>double</i>	<i>¾</i>	<i>3</i>	✓ <i>Triple</i>	<i>¾</i>	<i>2⅝</i>	<i>lapped</i>	
BILGE PLATING, No. of Strakes ..... <i>1</i> ..		<i>.42</i> ✓	<i>.65</i> ✓	<i>.38</i> ✓	<i>Shell increased</i>	<i>double</i>	<i>¾</i>	<i>3</i>	✓ <i>Triple</i>	<i>¾</i>	<i>2⅝</i>	<i>"</i>	
SIDE PLATING, No. of Strakes ..... <i>2</i> ..		<i>.42</i> ✓	<i>.65</i> ✓	<i>.38</i> ✓	<i>Forward for ice strengthening</i>	<i>Single</i>	<i>¾</i>	<i>3</i>	✓ <i>double</i>	<i>¾</i>	<i>2⅝</i>	<i>"</i>	
UPPER DECK, Sheer- strake in Wells.....	<i>64</i>	<i>.64</i> ✓	<i>.88</i> ✓	<i>.38</i> ✓	<i>.62</i> ✓	<i>lower stem double</i>	<i>⅞</i>	<i>3½</i>	✓ <i>Quad</i>	<i>⅞</i>	<i>3½</i>	<i>"</i>	
UPPER DECK, Sheer- strake in Bridge ...		<i>.43</i> ✓	<i>.38</i> ✓	<i>.38</i> ✓		<i>Single</i>	<i>¾</i>	<i>3</i>	✓ <i>Triple</i>	<i>¾</i>	<i>2⅝</i>	<i>"</i>	
STRAKE BELOW Sheer- strake in Wells.....		<i>combined sheer + strake below sheer</i>											
STRAKE BELOW Sheer- strake in Bridge ...		<i>.42</i> ✓	<i>.38</i> ✓	<i>.38</i> ✓		<i>single</i>	<i>¾</i>	<i>3</i>	✓ <i>double</i>	<i>¾</i>	<i>2⅝</i>	<i>"</i>	
POOP SIDE PLATING .... <i>and</i>		<i>.43</i> ✓	✓	<i>.38</i> ✓		<i>single</i>	<i>¾</i>	<i>3</i>	✓ <i>Triple</i>	<i>¾</i>	<i>2⅝</i>	<i>"</i>	
BRIDGE SIDE PLATING ..													
FOREC'TLE SIDE PLATING			<i>.31</i> ✓			<i>Single</i>	<i>¾</i>	<i>3</i>	✓ <i>Single</i>	<i>¾</i>	<i>2⅝</i>	<i>"</i>	

## WATERTIGHT BULKHEADS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
Total No. of W.T. BULKHEADS in Vessel—						
Extending to Upper Deck (Sec. 3 c)						
„ Deck next below						
As per Rule						
MIDSHIP BULKHEAD, Upper tween decks						
„	„ Second „					
„	„ Third „					
„	„ Holds .....	40'-2 1/2	7 1/2 x 3 x 40 J	30'		
COLLISION „ (in Hold) .....		43'-28	6 x 3 x 36 J 4 x 3 x 30 L	24'		
AFTER PEAK „ „ .....		37'-30	6 x 3 x 34 J 4 x 3 x 30 L	24'		

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b> .....		✓		
<b>STEM</b> .....	rolled bar	8 x 1 3/4	✓	
<b>STERN FRAME</b> {				
Propeller Post ....	casting	7 x 5 1/2	Huta	Zygmunt
Rudder " .....	steel	7 x 5 1/2	✓ of	Lagiewniki
<b>Speed of Vessel</b> .... 11 knots	✓			
<b>RUDDER—Type</b> .....				
" A x D .....	184	✓		
" Diam. of head ... 7 1/2	boxed steel	✓	Huta Bankowa	9 Babrowa
" Mainpiece at top pintle	} Rudder frame as per appd plan ✓		Huta Zygmunt	9 Lagiewniki
" " heel ...				
" how constructed .....				
" double or single plate coupling, vertical or horizontal .....		double		
		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., Dorman Long & Co., Appleby Frodingham Steel Co., South Durham Steel Co., Raine & Co., Colville & Co.,*  
*Shinninggrove Iron Co., Cargo Fleet Iron Co., Lanarkshire Steel Co., Steel Co. of Scotland*

Has the Steel been tested as required by the Rules? Yes. ✓

EQUIPMENT No 14912 ✓										LETTER p ✓	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.	
38328	1st Bower ...	29	1	14	stockless			28	3	0	14	30 1/2	Byers Imp stockless	Not stated	Old 20/5/38 J.H. Butler	
38329	2nd " ...	29	1	7	"			28	3	0	14	30 1/2	"	"	" " "	
38323	3rd " ...	29	0	14	"			27	19	1	14	26	"	"	" 13/5/38 "	
	Collective weight.	87	3	7	✓							87 ✓				
51468	Stream .....	7	3	18	✓	2	0	6	10	0	1	7 ✓	7 3/4 ✓	ord forged w. 3 anchor	"	C.H. 31/3/38 L.S. Paul.

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.		
	Fathoms.	Diam.		Supplied.	Per Rule.	Cwts.	qrs.	lbs.	Fathoms.					Fathoms.	Ins.		Fathoms.	Ins.	
57024	240 3/4	1 5/8	4 1/2	319.0	17	319 1/2			240	1 5/8	solid	not stated	C.H. 30/6/38 L.S. Paul	TOWLINE...	90	3 1/4	21.7	90	3 1/4
														HAWERS & WARPS	2-90	2 1/4	10.8	2-90	2 1/4
															1-90	1 3/4	6.4	1-90	1 3/4
															1-90	5" manila	1-90	5" manila	
Iron Stream Chain—Steel Wire	75	3 3/4	29.3						75	3 3/4									

Steering Gear, Steam *Wilem Pire type by Donkema & Co* ✓ Steering Gear, Hand *Handwheel operating auxiliary quadrant through pinion.*

Boats *2 at 23'0" x 7'6" x 2'11"* Steering Chains, Size and Test ✓ Windlass *Steam & hand by Clarke Chapman* ✓

Ceiling in Holds, thickness and material *2 1/2" w.w.* ✓ Cargo Battens, thickness, material and spacing *6 x 2" w.w. 9" apart* ✓

Cargo Hatchways.—(Upper Deck) *Steel plates & angles* ✓ Thickness of Hatches *3" on upper deck forward* ✓  
*2 1/2" on combined fore & bridge and on upper deck middle bridge.*

Size of No. 1 Hatchway (Forward) *29'6" x 19'6"* No. 2 *32'0" x 19'6"* No. 3 *24'11" x 19'6"* No. 4 *24'11" x 19'6"* No. 5 ✓ No. 6 ✓

Number of Shifting Beams and/or Fore and Afters *5* ✓ *5* ✓ *4* ✓ *4* ✓

FOR  
SWAN, HUNTER & WIGHAM RICHARDSON, LTD.

Builder's Signature

*Thos Morrison*

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 *No* The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

*This vessel has been constructed in accordance with the approved plans, the Secretary's letters, and generally conforms with the Society's rules for the class contemplated. ✓ The materials & workmanship are good. ✓*  
*All double bottom tanks, & fore & aft peak tanks have been tested as required by the rules and found satisfactory. ✓ The weather decks, watertight doors, watertight bulkheads and tunnels have been tested and found satisfactory. ✓*  
*The requirements of Section 40 of the Rules for "Strengthening for ice navigation" have been complied with. ✓*  
*The assigned freeboards have been marked on the vessel's side, verified, & "cut in".*

The amount of Entry Fee ..... £ *5* - - - Fees applied for, *26 OCT 1938*  
 Special Survey Fee .... £ *138* : *14* - - Received by me, *1/11/38*  
*Freeboard* £ *10* - - -  
 Travelling Expenses, if any £ : : :  
 State whether the Vessel has been built under Special Survey *yes* ✓  
 Certificate to be sent to *Newcastle* Date of issue *2/11/38*  
 I am of opinion the Vessel should be Classed *+ 100 A-1.*  
*"Strengthened for Navigation in Ice"* ✓  
 Signature *Log Craig*  
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute *TUE 1 NOV 1938*  
 Character assigned *+ 100A1*

*Lloyd's A.R.C.P.* *+ L.M.C. 10.38*  
*F.D. C.L.*  
*Spt.*

*Strengthened for navigation in ice*

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 approved plans (15 in number) and midship section and Profile + decks as fitted are forwarded herewith. Logging reports also forwarded herewith.

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

Cruiser Stern

"Strengthened for Navigation in ice"

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.		Weight in lbs.	Surveyor's Initials	No. of Test	Date of Test
1st Bower	19 1 14	✓	J. F. R.	2797	30. 9. 37.
2nd "	19 2 14	✓	J. F. R.	2969	29. 10. 37
3rd "	19 1 0	✓	J. D.	1352	31. 3. 37.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop and bridge combined 143.75' ft., R.Q.D. ft., Bridge ft., Forecastle 29.6 ft.  
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated Poop + Bridge combined

Over-all Length 252.83'

No. and Material of Decks 1 dk. steel

Official No. ; Signal Letters S.P.B.V. Is bottom of vessel coated with cement part. if not give

particulars of composition. Fuel tank, Boiler room tank, F.O.A. peak tanks cemented. Tunnel with + bilge cemented. Other O.B. tanks cement washed. ✓

#### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	61.33	82	Fore peak tank,	14.9	20 ✓
Double bottom, under Engines and Boilers,	42.16	93	After peak tank,	11.5	39 ✓
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,		
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		
Double bottom, forward,	98.58	188	Other tanks, if fitted,		
	Total capacity of double bottom	363	(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. 5575

Date

22.6.38.

Dates of Surveys held while building

1938 Apr. 12, 19, 21, 22, 27, 28. May 2, 3, 5, 10, 13, 14, 24, 26, 30. June 2, 3, 8, 10, 13, 14, 15, 16, 27. July 1, 5, 7, 8, 11, 12, 14, 18, 19, 22, 25, 27, 28. Aug. 2, 5, 8, 9, 11, 12, 15, 16, 19, 22, 24, 25, 26, 29. Sep. 5, 7, 9, 13, 14, 20, 21, 22, 26, 27, 28, 30. Oct. 4, 5, 6, 7, 10, 11, 13, 21.

Lloyd's Register Foundation  
Total No. of Visits 74