

LLOYD'S REGISTER OF SHIPPING

Index No.
(For London Office only.)

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

L.L. 112

Ship's Name "BALACLAVA"

Port of Survey Gdańsk

Official Number -

Surveyor's Signature

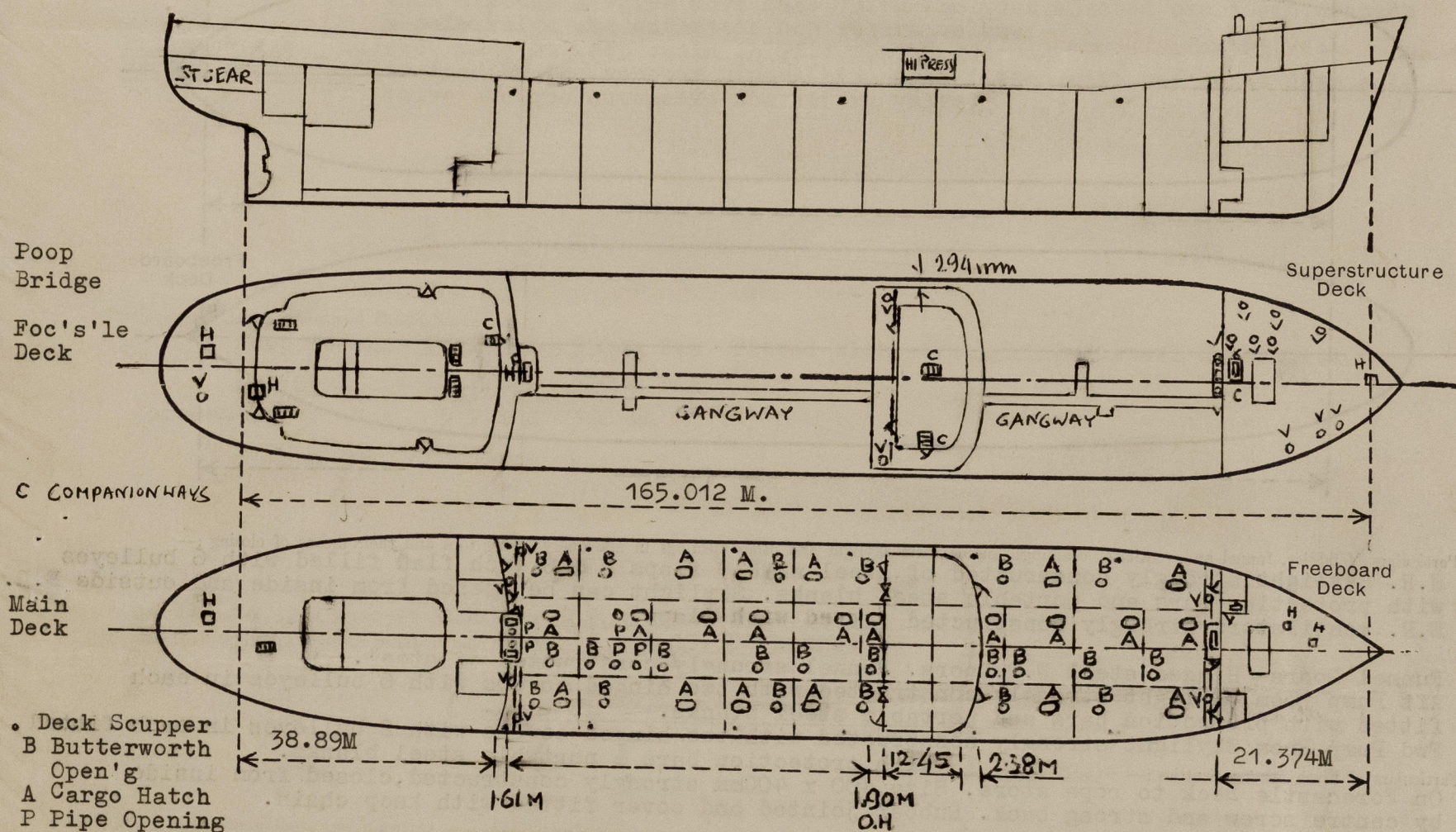
A.Tyc

Nationality and Port of Registry Russian, Riga

Date of Survey

Whilst building

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing to be inserted in the diagrams and tabular statement:—



Particulars of Superstructures, Trunks, Casings, Deckhouses.

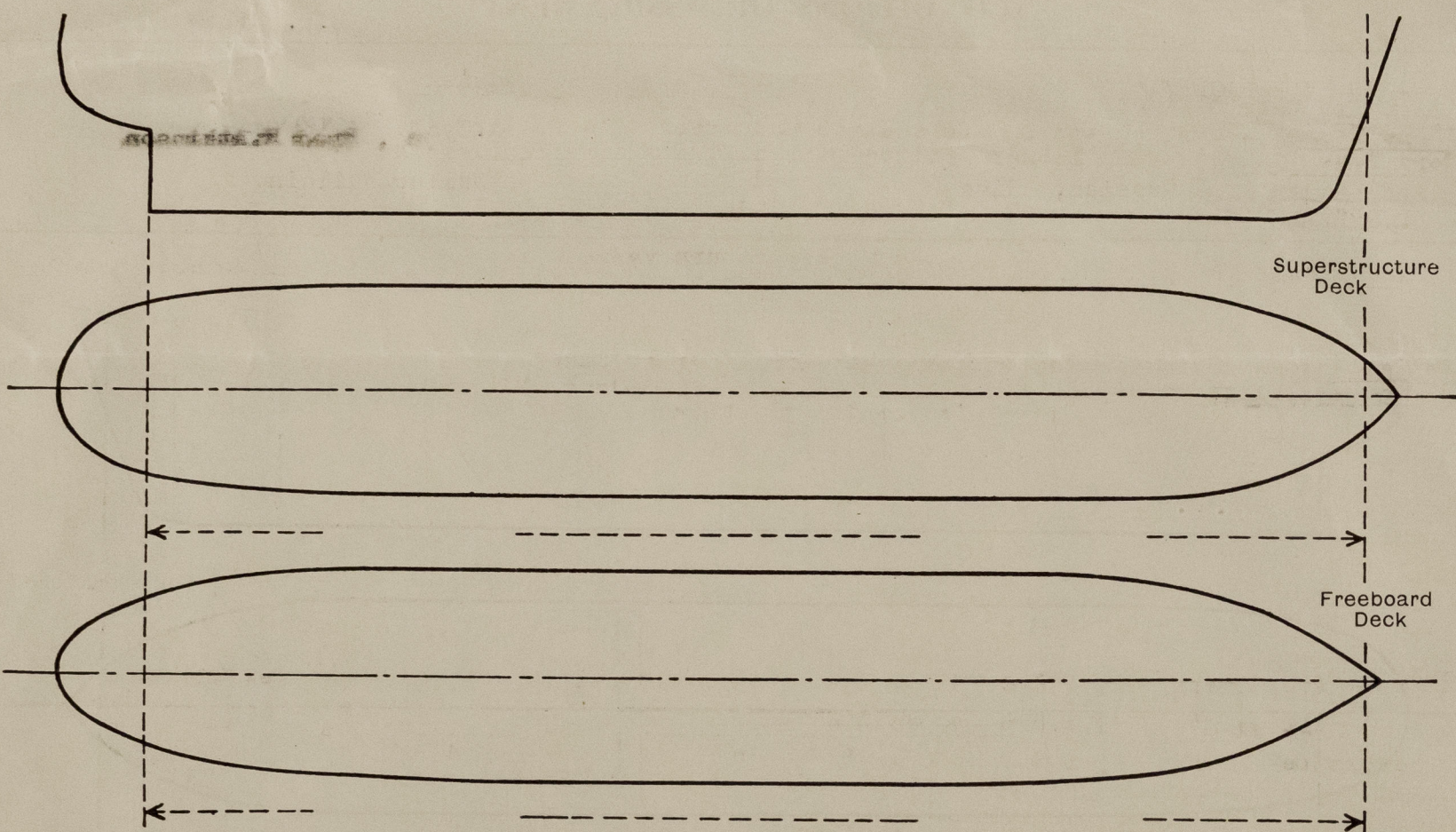
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Poop Bulkhead ...	11.0	11.0	250x58x10 BP	760	E.W.	1300 x 600	690	2500
Raised Quarter Deck Bulkhead ...	None	-	-	-	-	-	-	-
Bridge, After Bulkhead ...	7.5	7.5	100x75x8 1A	760	E.W.	1220 x 920	620	2500
Bridge, Forward Bulkhead ...	11.0	11.0	230x58 x10 BP	760	E.W.	1300x600	685	2500
Forecastle Bulkhead...	7.5	7.5	100x75x8 1A	760	E.W.	1300x600	690	2300
Trunk, Aft ...	None							
Trunk, Forward ...	None							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	None							
Exposed Machinery Casings on Superstructure Decks ...	None							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	None							
Deckhouses	6.5/7.5	6.5/7.5	100x75x8 1A	760	E.W.	1550x650/1300x600	550-690	2500
Pump Room Entrance	7.5	7.5	2100x75x8 1A	760	E.W.	1300x600	670	2500

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	2 Hinged steel water tight doors. O.B.S.
Raised Quarter Deck Bulkhead ...	None
Bridge, After Bulkhead ...	2 Tonnage openings closed with steel shafting boards. 2 Hinged steel W.T. doors O.B.S.
Bridge, Forward Bulkhead ...	2 Hinged steel water tight doors O.B.S.
Forecastle Bulkhead...	2 Hinged steel water tight doors O.B.S.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	None
Exposed Machinery Casings on Superstructure Decks ...	None
Machinery Casings within Superstructures not fitted with Class I Closing Appliances...	None
Deckhouse on Poop	2 Hinged Wood Doors, 50mm thick, O.B.S., STEEL W.T. DOOR O.B.S.
Pump Room Entrance	Hinged steel water tight door to fwd and aft pump room, O.B.S.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, side scuttles, scuppers, ventilators, companionways, etc., which would affect the seaworthiness of the ship :—



Particulars of fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—
E.R. Skylight strongly constructed of steel with 9 flaps P & S, each flap filled with 6 bulleyes with protection bars and portable steel blanks. Skylight can be opened from inside and outside E.R.
E.R. ventilators strongly constructed fitted with flaps. ✓

Funnel Doors- Hinged steel W.T.Door. Funnel strongly constructed of steel.
Aft Pump Room Skylight strongly constructed with two hinged covers with 6 bulleyes in each fitted with protection bars and portable steel blanks.
Fwd Pump Room Skylight strongly constructed with two hinged covers with 2 bulleyes in each fitted with protection bars & portable steel blanks.
Particulars of Flush Bulkhead Scuttles :-

On Forecastle Deck to rope store. Size 400 x 400mm strongly constructed, closed from inside by centre screw and strong back. Rubber jointed and cover fitted with keep chain.

Particulars of Companionways :—

(including those incorporated in deckhouses and masthouses)

On Poop Deck to	Poop tween Decks.	Poop deckhouse fitted with hinged wood doors	O.B.S.	Sill 550 m.m.
On Bridge "	"	Bridge Hi-Press Space, Bridge "	"	"
		companionway fitted with hinged steel door	O.B.S.	Sill 350 m.m.
On Main Deck to	Emergency Diesel Pump Space	1300 x600 with 500 coaming.	Hinged steel W.T. doors	O.B.S.
On Focle Deck to	Focle Tween Decks Steel Companionway	fitted with H.S. W.T. Door	O.B.S.	inside forecstale. Sill 610 mm.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :—

Particulars of Ventilators in exposed positions on headboard and Superstructure Decks.				
<u>Freeboard Deck</u>	1 P & S	at 320 Ø	x 915mm high	x 9mm to aft cofferdam
	1 P & S	at 350 Ø	x 915mm	x 9mm to Fwd "
	1 P & S	at 600 P & 700S	^{SANITARI} _{POSTS} x 915mm	x 17mm to Aft pump room, stayed to Pump Room Top and poop front.
<u>For'd Pump Room</u>	1 P & S	at 320 Ø	x 920mm	x 10mm to Fwd " "
<u>Top</u>				
<u>Bridge Deck</u>	1 P & S	at 355 Ø	x 915mm ✓	" x 10.5mm to Bridge Tweens
<u>Poop Deck</u>	1 P	at 350 Ø	x 830 mm ✓	" x 9mm to Poop Space
<u>Forecastle Deck</u>	1 P & S	at 320 Ø	x 990 mm ✓	" x 8.5mm to Fcble Tweens
	1 P	at 320 Ø	x 1000 mm ✓	" x 9mm to " "
	1 P	at 320 Ø	x 1000 mm ✓	" x 9mm to " "
All vents over	1 S	at 470 Ø	x 960 mm ✓	" x 10mm to " " & Fore Peak Store
915mm are adequately supported	1 P	at 200 Ø	x 980 mm ✓	" x 9mm to " "
	1P	at 350 Ø	x 980 mm ✓	" x 9mm to Fire Pump Space
	1 P	at 250 Ø	x 980 mm ✓	" x 10mm to " " "

The Fwd dry cargo hold is also vented up the fore mast and is made W.T. by a hinged steel, rubber jointed W.T. cover inside the mast fitted with 6 toggles. Height above deck at least 610 mm.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Cargo tanks vented up forward and after masts through vacuum relief valves and wire gauze flame arrestor.

Airpipes on Poop, Bridge and Forecastle 460mm high (Min) fitted with ball float valves.

Oil fuel tank air pipes also fitted with gauze.

Air pipes on main deck 930 mm high fitted with ball float valve and wire gauze.

Particulars of Gangway Cargo and Coaling Ports :—

N o n e

Particulars of Scuppers and Sanitary Discharge Pipes :—

Freeboard Deck Drained through 6 P&S elbow pipes 100mm Dia 2 P&S Fwd. 4 P&S Aft.
File Tweens drained through forecandle bhd drain hole fitted with screwed plugs on keep chains.
Fore Peak Store & Chain Locker fitted with hand pump, one S.D.V. and one N.R.V.
Steering Gear & A.P. Dry Tank drained by hand pump through 1 S.D.V. and 1 N.R.V.
Poop Spaces drained by 5 scupper pipes port and starboard, four pipes (P&S) fitted with one screw down gate valve and one automatic non return valve. The aftermost pipe (P&S) through one automatic non return valve.
 Sewage from the poop accommodation can also be drained into a sewage tank through a screw down gate valve and then ejected overboard, through a gate valve and automatic non return valve.
Bridge Space. Screwed plug on keep chain in after bulkhead.
Bridge Deckhouse drained by two scupper pipes (P&S) each fitted with one screw down gate valve and one automatic non return valve.

Particulars of Side Scuttles and Deadlights :—

Popo Tweens	27 P & S	350mm Dia	fitted with strong hinged steel deadlights.
Bridge	" 7 P & S	300mm Dia	" " " " " "
Forecastle	" 5 P & S	300 mm "	" " " " " "

Vertical distance of Sill of lowest Side Scuttle above top of keel 13.280 metres

Distance from amidships to centre of lowest Side Scuttle 13.500 metres

Particulars of Guard Rails and Bulwarks :—

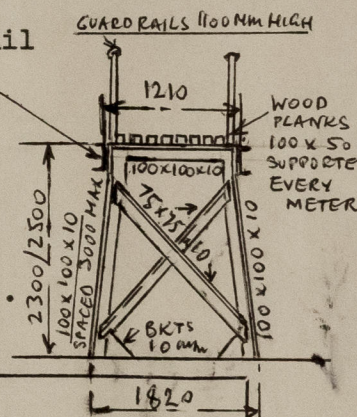
Bridge, Forecastle and Freeboard deck. 3 tied rail 1100mm high with verticals spaced 1200 mm apart

Poop deck Strongly constructed bulwark 1100 mm high with 160 x 38 x 10mm BP rail and bracketed stays spaced 1630mm apart. 160 x 65 x 10 CHL

Particulars of Gangways, Lifelines, etc. :—

Gangway fitted as shown between Poop and Bridge and Bridge and Forecastle.

Expansion joints fitted at connections to Poop, Bridge (F & A) and Forecastle.



Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	Open	rails				
Forward Well	Open	rails.				

State position of each freeing port { After Well :—
(F. and A. position and height above deck edge) { Forward Well :—

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :—

Additional area where sheer is less than standard.

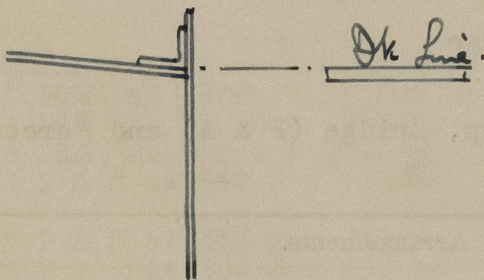
PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.												
			EXP FBD DECK	FBD DECK INSIDE POOP	EXP FOC'SLE DECK	EXP POOP DECK	FBD DL INSIDE FOC'SLE					
Description of Hatchway			O.T. CARGO 22 OFF	BUTTERWORTH 22 OFF	TO STEERING GEAR	BOJUNKS STORE	TRUNKED CARGO HATCH	BOJUNKS STORE	PROVISION STORE	CO2 ROOM	CHAIN LOCKER	FORE PEAK STORE
Dimensions of Hatchway			1550 x 750	460 DIA	990 x 990	1200 x 1200	3425 x 4480	1000 x 1000	1000 x 1000	600 x 600	400 x 600	400 x 600
COAMINGS	Height above Deck		700 ✓	190 ✓	230 ✓	700 ✓	800 ✓	610 ✓	726 ✓	460 ✓	250 ✓	250 ✓
	Thickness { Sides		11 ✓	15 ✓	9 ✓	8 ✓	11 ✓	8 ✓	10 ✓	6 ✓	13 ✓	13 ✓
	Stiffeners ... { Ends		11 ✓	15 ✓	9 ✓	8 ✓	11 ✓	8 ✓	10 ✓	6 ✓	13 ✓	13 ✓
	Brackets, Stays { Sides		50 x 50 x 6			130 x 65 x 10	150 x 80 x 10	130 x 65 x 10	BUILT INTO POOP DECKHOUSE	BUILT ARMS BULWARK		
			T.W. O.A. AT F&A END			HORIZONTAL STIFFENERS	1E 2S BUTS	HORIZONTAL STIFFENERS				
HATCH BEAMS	Number											
	Spacing											
	Scantling and Sketch											
Bearing Surface												
FORE AND AFTERS	Number											
	Spacing											
	Unsupported Lengths											
	Scantling* and Sketch											
Bearing Surface												
HATCH COVERS	Material		STEEL	BRASS	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
	Thickness		13 MM	10 MM	5 MM	5 MM	7 MM	5 MM	5 MM	6.5 MM	5 MM	5 MM
	How fitted		ONE S.D.	HINGED	HINGED	HINGED	WT WITH	HINGED	HINGED	HINGED	HINGED	HINGED
	Bearing Surface		SWIVEL AND 9 TOGGLES	WITH 5 TOGGLES	WT WITH 6 TOGGLES	WT WITH 6 TOGGLES	BOLTS SPACED 76T MAX RUBBER	WT WITH 6 TOGGLES	WITH 6 TOGGLES	WT WITH 4 TOGGLES	WT WITH 4 TOGGLES	WT WITH 4 TOGGLES
Spacing of Cleats			RUBBER	RUBBER	RUBBER	RUBBER	RUBBER	RUBBER	RUBBER	RUBBER	RUBBER	RUBBER
Number of Tarpaulins			JOINTED	JOINTED	JOINTED	JOINTED	JOINTED	JOINTED	JOINTED	JOINTED	JOINTED	JOINTED
*Are wood fore and afters steel shod at all bearing surfaces ?												
Are battens and wedges efficient and in good condition ?												
Are tarpaulins in good condition and in accordance with rule requirements ?												
Are lashings provided in accordance with rule requirements ?												
Are wood covers fitted with galvanised end bands ?												

Particulars of any special features:— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

Stem Searchlight Door

Strongly constructed hinged watertight circular door in stem plate 560 millimeters above freeboard deck in forecastle. Door 940mm diameter, rubber jointed, and closed with B toggles spaced 360 mm apart.



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Foundation