

Lloyd's Register of Shipping.

Index No. (For London Office only.)

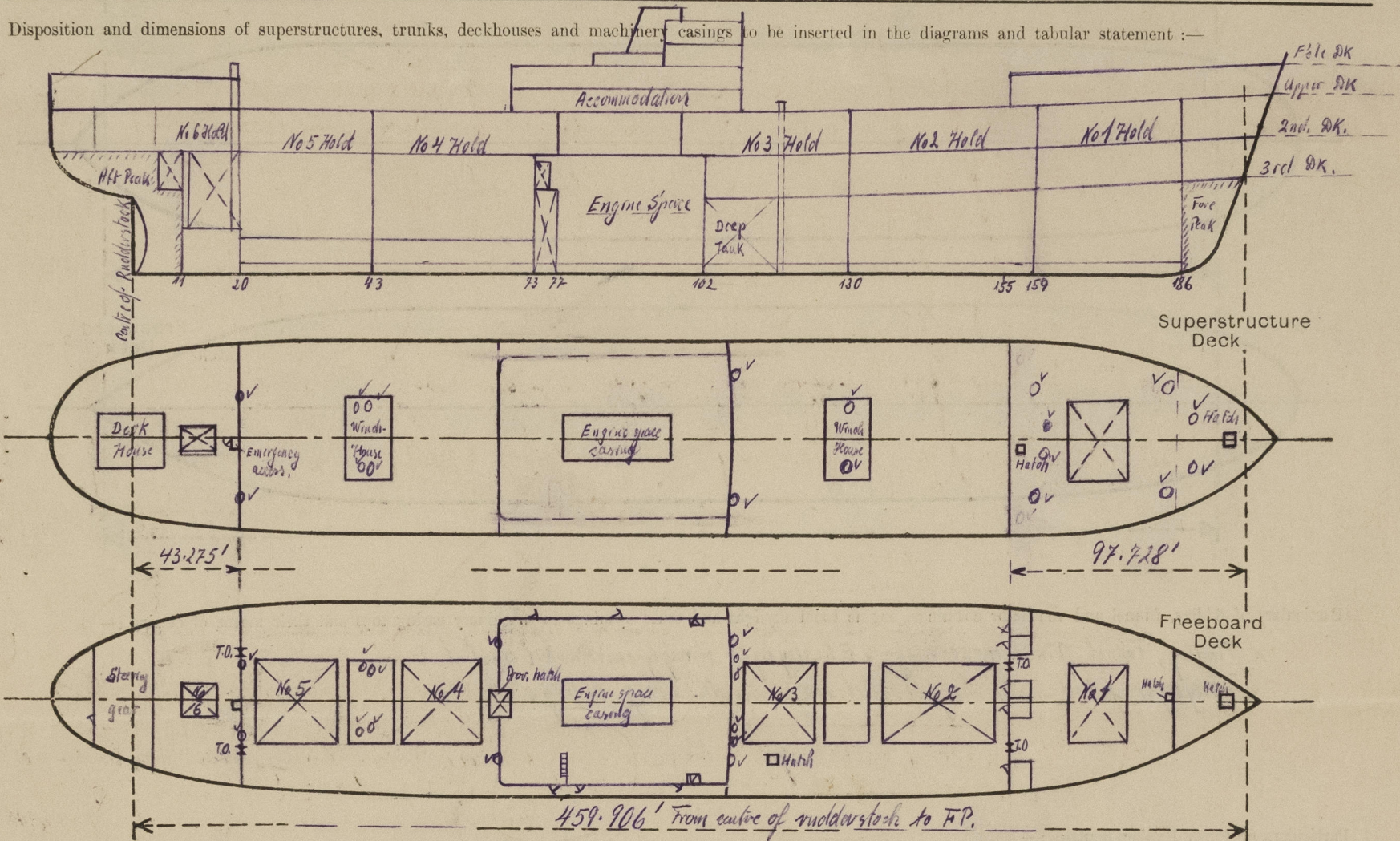
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

20 DEC 1952

Ship's Name *Hogb Clyper* *Harald's werke, S.G. Kiel Yard No 960* Port of Survey *Kiel*  
Official Number *"DONAI"* Surveyor's Signature *Georg Kohn*  
Nationality and Port of Registry *Norwegian, Oslo Dunkirk* Date of Survey *13TH December 1952.*

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings 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 of Casings
Poop Bulkhead ...	300x105	9.5	B.t. 165x75x9	700	E.W. toe at bottom & top	1750x920	460	8.0'
Raised Quarter Deck Bulkhead ...			NONE					
Bridge, After Bulkhead ...			NONE					
Bridge, Forward Bulkhead...			NONE					
Forecastle Bulkhead...	460x9	7.5	A. 90x75.11	650	E.W. toe at bottom & top	2 off 1740x920 4 off 1365x650 1 off 1365x600 1 off 1365x700	460 500 500 500	8.0'
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 on Flush Deck Ships ...	200x13	11	A 180x95x12 in 4A.	600	E.W. toe at bottom & top	5 off 1365x720 1 off 1365x670 1 off 1365x700	610	8.0'

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

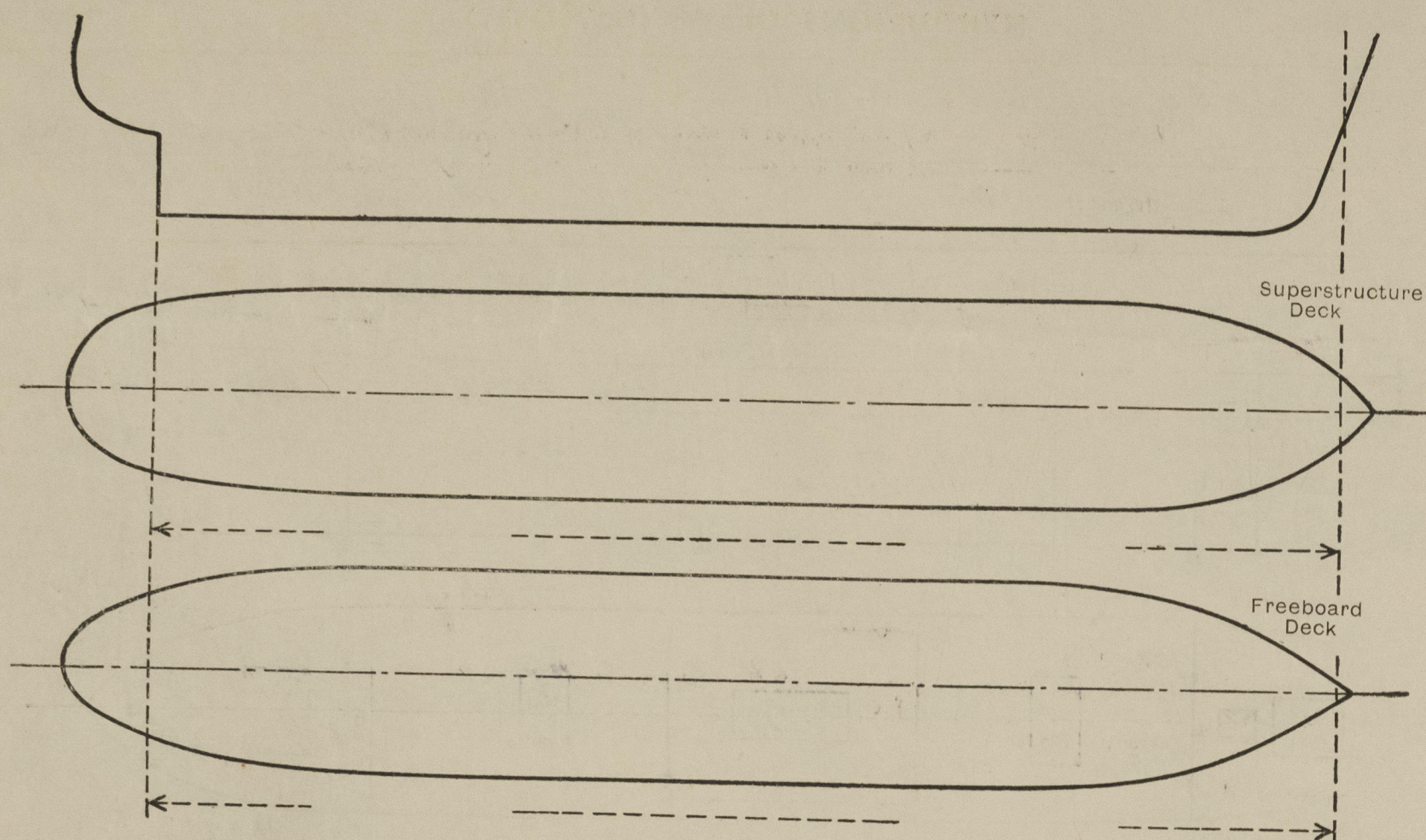
Poop Bulkhead ...	3" Sternboards in full height welded channels (Class 2)
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead...	Hinged steel doors operated both sides (Class 1) and 3" sternboards in full height welded channels (Class 2)
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	
Exposed Machinery Casings on Superstructure Decks ...	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances...	
Deckhouses on Flush Deck Ships ...	Hinged steel doors operated both sides (Class 1)



*Noegel & Löffler.*

# 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, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—



Particulars of hatches, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

*Hatches, Funnel, Ventilator coamings & ER skylight strongly constructed of steel. Skylight fitted with hinged steel flaps with strong bulwark lights.*

Particulars of Flush Bunker Scuttles:—

*none*

Particulars of Companionways:—

*Companionway enclosed in admiralty strong steel deckhouse on upper deck hinged steel watertight doors operated from both sides — 4 off 1365x720 with 610 mm sill height ps, 2 off 1365x720 with 610 mm sill height ss, 1 off 1365x620 with 610 mm sill height ss, 1 off 1365x700 with 610 mm sill height ss, all lead to accommodations. Tunnel emergency access on poop deck casing 720x720 plates 8 mm thick welded to poop deck hinged steel WT door 1515x550 with 460 mm sill height operated from both sides.*

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

*Forecastle Deck: 2 off 460 diam coaming 920x10  
2 off 565 " " 920x10  
2 off 560 " " down port effect not staged  
2 off 565 " coaming 1170x10 effect not staged.  
Top of warehouse front: 2 off 856 diam. down port effect not staged.  
Top of warehouse aft: 2 off 760 " coaming 3210x12 effect not staged  
2 off 450 " coaming 700x10  
Upper deck  
6 off 560 diam down port effect not staged  
1 off 230 diam. coaming 920x8  
3 off 230 " " 1750x8 effect not staged*

*Goose-neck vent. on fore deck:  
3 off 200x80 opening 765 mm above deck.  
Goose-neck vent. on upper deck:  
2 off 200x80 opening 920 above deck  
5 off 200x120 " 920 " "  
2 off 270x180 " 920 " "*

*Goose-necks fitted with hinged steel flaps.*

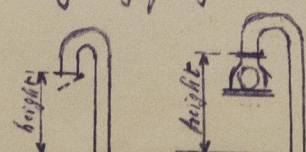
*Steel covers and canvas covers supplied for all coamings.*

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

*Forecastle deck: 1 off 4" diam 18" high ps  
1 off 3" " 18" " ps  
1 off 2 1/2" " 18" " ps  
2 off 4 1/2" " 18" " ps  
1 off 4 1/2" " 18" " ps  
Upper deck: 1 off 2" diam 36" high ps  
2 off 2 1/4" " 36" " ps  
1 off 2 1/4" " 36" " ps  
4 off 2 1/2" " 36" " ps  
7 off 3 1/2" " 36" " ps*

*Upper deck: 9 off 5" diam 36" high ps  
10 off 5" " 36" " ss.  
2 off 7" " 36" " ps  
Poop deck: 4 off 2 1/2" diam 18" high ps  
1 off 3" " 18" " ps  
1 off 4" " 18" " ss.*

*Air pipes for fuel oil tanks fitted with wire gauzes and ball valves of approved type.  
Air pipes for lub. oil tanks and vegetable oil tanks fitted with ball valves of approved type.  
Remaining air pipes fitted with hinged steel flaps.*



Particulars of Gangway Cargo and Coaling Ports:—

*none*

Particulars of Scuppers and Sanitary Discharge Pipes:—

*1 off 3" diam p&s and 1 off 2" diam p&s scuppers draining fore peak cargo hold led overboard below upper deck fitted with efficient storm valves at ship's sides and screw-down valves on upper deck controlled from fore deck with gun/shut indicator.  
6 off 4" diam. p&s scuppers draining upper deck led overboard below upper deck with open bend.  
Sanitary discharge pipes from space above upper deck led overboard below upper deck fitted with efficient storm valves at ship's sides.*

Particulars of Side Scuttles:—

*3 off 200 diam graving gunmetal side scuttles to fore peak p&s with hinged cast steel deadlights.  
3 off 200 diam graving gunmetal side scuttles to poop peak p&s with hinged cast steel deadlights.*

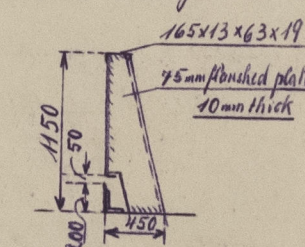
Vertical distance of Sill of lowest Side Scuttle above top of keel *none below upper deck.*

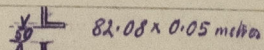
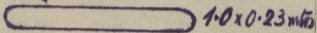
Particulars of Guard Rails:—


*on Poop deck: 3 rods, 1115 high with stanchions spaced about 1200 mm apart.  
on Forecastle deck at aft end only (frame No 455 to 180) 3 rods, 1115 high with stanchions spaced about 1200 mm apart.  
Bulwarks: on Forecastle deck at fore end only (frame No 180 to stern) 1200 mm high 8 mm thick with 180x11 rail bar and efficiently stayed.  
on Upper deck 1150 mm high 7.5 mm thick with 165x13x63x19 rail bar and stanchions see sketch spaced about 1440 mm apart.*

Particulars of Gangways, Lifelines, etc.:—

*Lifelines fitted of steel wire ropes set up with stretching screws between the erections and rove through stanchions fitted in permanent sockets, together with hand rails on the sides of deck houses.*



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 ... ..	97.200 metres	1.150 metres	 82.08 x 0.05 metres	8	5.85 m <sup>2</sup>	5.922 M <sup>2</sup>
Forward Well ... ..			 10 x 0.23 mtrs			<del>3.74</del> m <sup>2</sup>
State position of each freeing port ... .. { After Well :- } Frame No: 23 + 36 + 47 + 60 + 108 + 120 + 130 + 142 Bow edge 200 mm above deck.						
(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: — NONE						
Additional area where sheer is less than standard.						



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# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

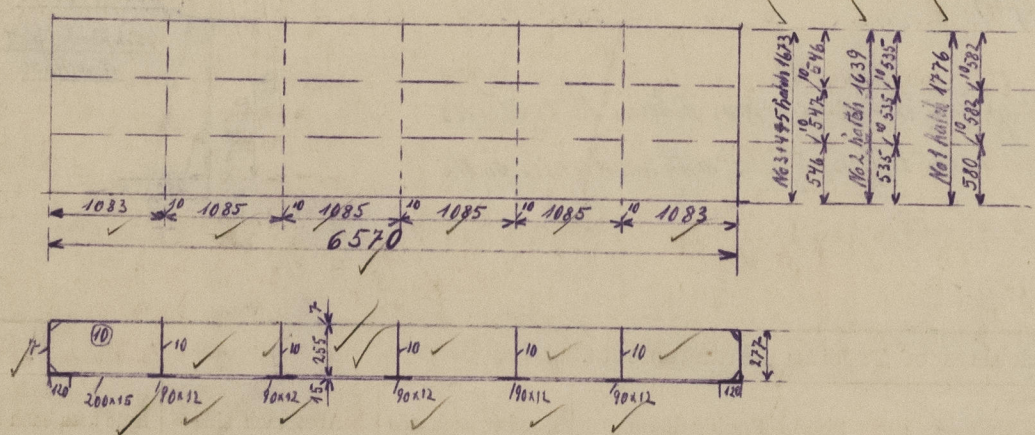
HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
Description of Hatchway	Forecastle DK. No 1 hatch	Deck DK. No 6 hatch	Forecastle DK (space) No 1 hatch on Upper DK	Upper DK No 2 hatch	Upper DK No 3+4+5 hatch	Deck DK, space No 6 hatch on Upper DK	Fore. room on upper DK after the bridge	Access hatch on Fore. DK forward	Access hatch on upper DK after the store room	Access hatch on Deck DK aft	
Dimensions of Hatchway	8918 x 6400	4930 x 3600	8918 x 6400	11520 x 6400	10080 x 6400	4930 x 3600	2088 x 1633	1500 x 1200	1220 x 800	800 x 800	
COAMINGS	Height above Deck	915	915	230	915	915	230	610	610	230	610
	Thickness	11	11	11	14	11	11	10	11	9	9
	Stiffeners	B.P. 230-90-12	B.P. 230-90-12	Half-round 75-37.5	B.P. 230-90-12	B.P. 230-90-12	Half-round 75-37.5				
	Brackets, Stays	10mm thick 75-14	10mm thick 75-14		10mm thick 25-14	10mm thick 75-14					
HATCH BEAMS	Number	4	1	6	3	3	3				
	Spacing			1224			1232				
	Scantling and Sketch			A 170 x 23 B 430 x 12.5 C 175 x 23			A 180 x 18 B 350 x 10 C 180 x 18				
	Bearing Surface			90			90				
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Scantling* and Sketch										
HATCH COVERS	Material	Steel	Steel	wood	steel	steel	wood	steel	steel	steel	steel
	Thickness	5 off 6570 x 1776 x 7	3 off 3770 x 1633 x 7	65	7 off 6570 x 1639 x 7	6 off 6570 x 1633 x 7	65	8mm 7-860.8	8mm 7-860.8	6mm 7-860.8	6
	How fitted			F & A			F & A	hinged W.T.	hinged W.T.	hinged W.T.	hinged W.T.
	Bearing Surface	90	90	80	90	90	80				
Spacing of Cleats	610	610	610	610	610	610	610				
Number of Tarpaulins	2	2	1	2	2	1	1	1	1	1	1
*Are wood fore and afters steel shod at all bearing surfaces? none Are battens and wedges efficient and in good condition? yes Are tarpaulins in good condition and in accordance with rule requirements? yes Are lashings provided in accordance with rule requirements? yes											

Particulars of any special features:—

Small hatches could:

Access hatch on fore deck aft and led to heavy gear store room: opening 675 x 600 coaming 610 high 11mm thick fitted with steel hinged cover 8mm thick bolted water-tight.  
 Access hatch on upper deck in fore cargo hold forward: opening 576 x 576 coaming 230 high 9mm thick fitted with steel hinged cover 6mm thick bolted water-tight.  
 Access hatch on steel hatch covers (forward and aft of each hatch): opening 610 x 370 with bolted steel cover of 7mm thickness.

Steel hatch cover No 1+2+3+4+5 hatch



Steel hatch cover No 6 hatch

