

LLOYD'S REGISTER OF SHIPPING

Index No. (For London Office only.)

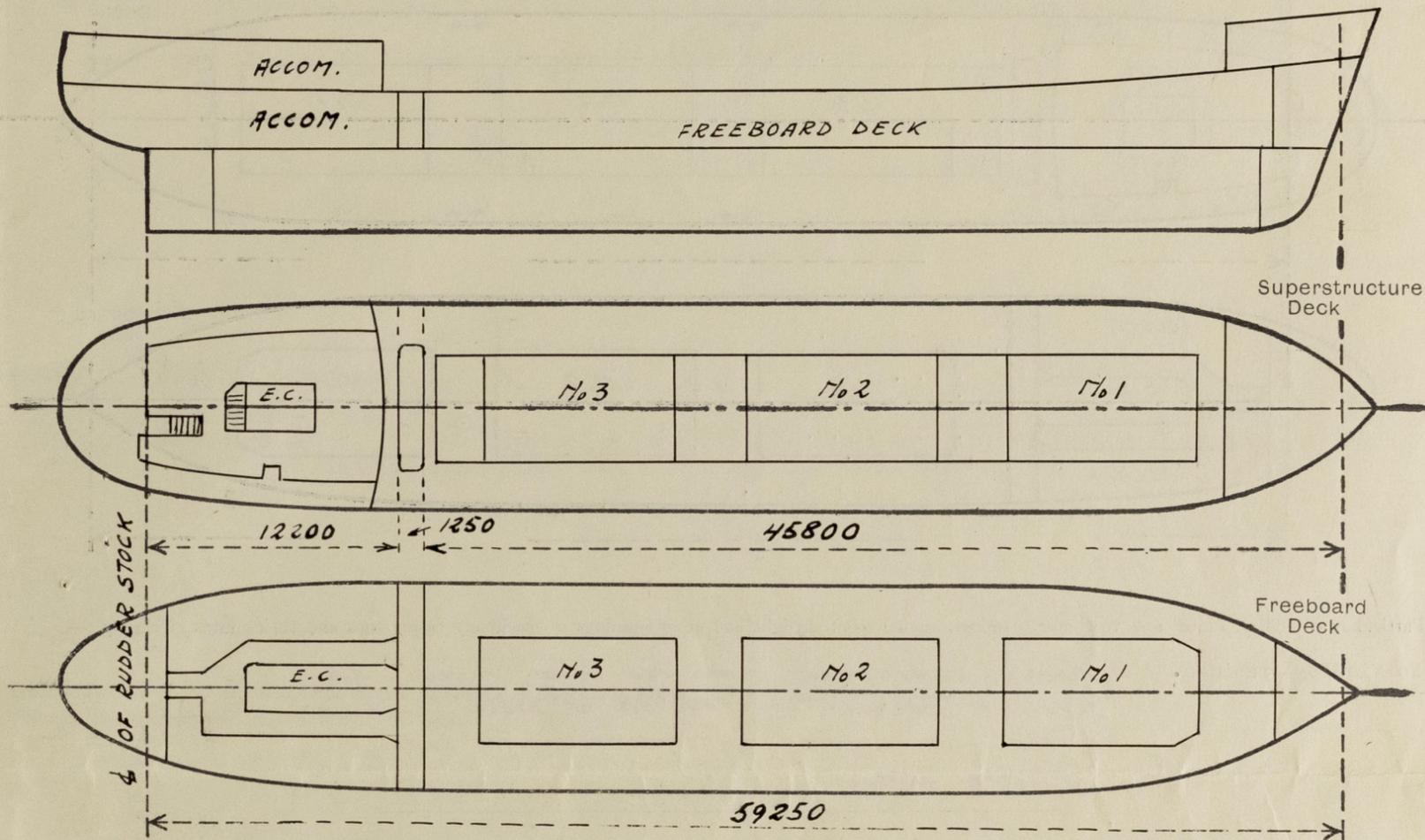
UNITED WITH THE BRITISH CORPORATION REGISTER

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name M/S "OFELIA" Port of Survey Sölvesborg  
 Official Number 9810 Surveyor's Signature A. Hörnung  
 Nationality and Port of Registry Swedish Gothenburg 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.

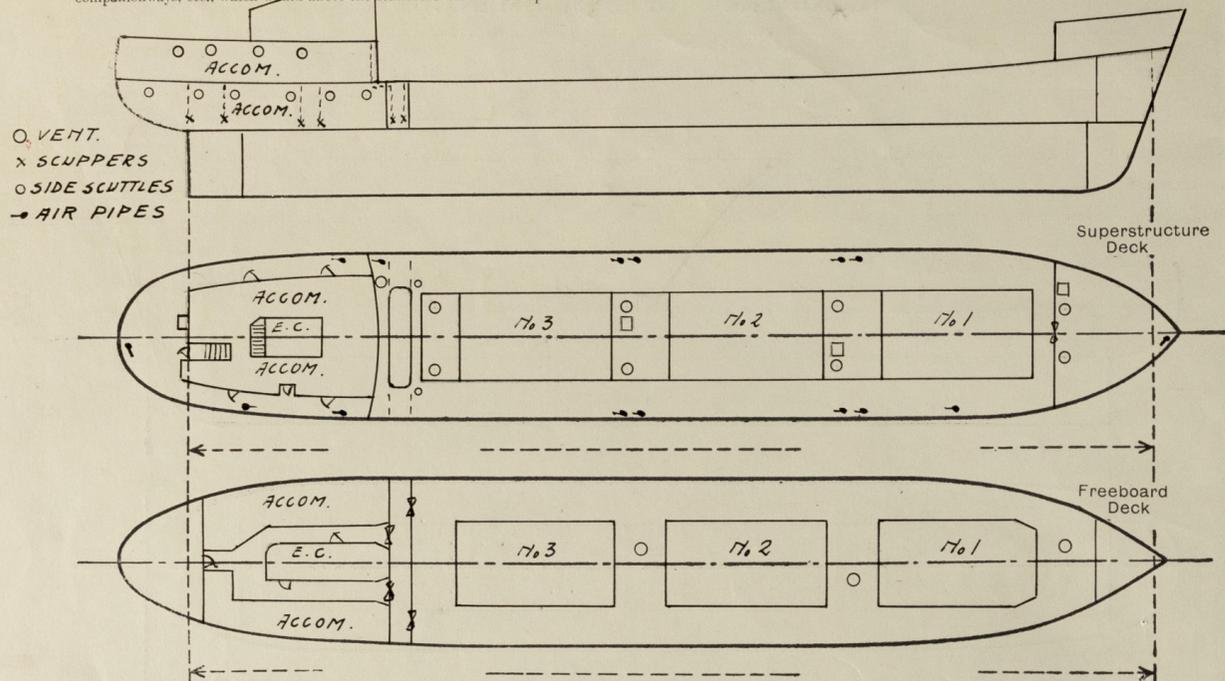
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Aft end of Tonnage Well								
Poop Bulkhead ...		6,5	75 x 50 x 7 T.W.	740	Weld. B.	1230 x 930	610	2340
Raised Quarter Deck Bulkhead ...								
Fore end of Tonnage Well								
Bridge, After Bulkhead ...		6,5	50 x 75 x 7 T.W.	670	Weld. B.	1230 x 930	610	2340
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...		6,5	75 x 8 fl.b.	600	Weld. B.	1530 x 1230	400	2030
Trunk, Aft ...								
Trunk, Forward ...								
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 ...		5,5	60 x 30 x 5 T.W.	600	Weld. to Beam's B. cont. T	1610 x 625	260	2340 F 2180 A
Deckhouses and Pump Room Entrances		7	C 75 x 50 x 9 T.W. S 75 x 50 x 7 T.W.	600	Weld. T & B. Weld. T & B.	1350 x 610	460	2100

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

Aft end of Tonnage Well	
Poop Bulkhead ...	Portable steel plates secured by hook bolts spaced 310 mm apart. (Class 2).
Raised Quarter Deck Bulkhead ...	
Fore end of Tonnage Well	
Bridge, After Bulkhead ...	Portable steel plates secured by hook bolts spaced 310 mm apart. (Class 2).
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	
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 ...	Hinged steel doors operated both sides.
Deckhouses and Pump Room Entrances	Hinged steel or hardwood dorrs (2" thick) operated both sides.

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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :-

No fiddley openings. *FUNNEL, VENTILATOR COAMINGS AND ENGINE ROOM SKYLIGHT STRONGLY CONSTRUCTED OF STEEL. SKYLIGHT FITTED WITH HINGED STEEL FLAPS WITH STRONG 9" DIAM. GLASSES.*

Particulars of Flush Bunker Scuttles :-

None ✓

Particulars of Companionways :-

(including those incorporated in deckhouses and masthouses)

Companionways enclosed in strong steel deck house on shelter deck aft. Hinged steel or hardwood doors (2" thick) operated both sides. *DOOR SILL 460mm*

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

- Forecastle deck:- 2 - 560 mm diam. x 10,5 mm, 1010 mm high. ✓
- Shelter deck:- 4 - 560 mm diam. x 10,5 mm, 1250 mm high. ✓
- on top of Trunk 2 - 560 mm diam. x 10,5 mm, 760 mm high. ✓
- Shelter deck:- 1 - 460 mm diam. x 10,5 mm, 2030 mm high. ✓
- 2 - 260 mm diam. x 8 mm, 1750 mm high. ✓

All ventilators above Rule height efficiently stayed. ✓  
All ventilators provided with means for closing as per Rule. ✓

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

Air pipes of gooseneck type provided with means for closing as per Rule. ✓

- Forecastle Deck:- Height 460 mm. ✓
- Shelter Deck:- Height 460 mm. ✓

*Opelia.*

Particulars of Gangway Cargo and Coaling Ports :-

None. ✓

Particulars of Scuppers and Sanitary Discharge Pipes :-

3 - 2" scuppers (p & s) from tween deck and 6 - 2" scuppers from tween deck hatchways (p&s) (4 for each hatchway) led to the hold bilges with brass S.D. valves controlled from shelter deck with open/shut indicators. ✓  
1 - 2" scupper (p&s) from tonnage well with brass S.D. valves controlled from shelter deck with open/shut indicator. \*  
1 - 3" & 1 - 2" scuppers and discharges port and 3 - 4", 1 - 3" and 2 - 2" scuppers and discharges stbd. side from accommodation on shelter deck and above led overboard above the freeboard deck with brass non-return valves all ways accessible under secure conditions ✓  
The poop space on freeboard deck aft of tonnage well in drained by 4 - 2" and 1-1 1/4" drain pipes (p&s) led to the sludge tanks port and stbd. side. 4 - 1 1/4" discharges port and 1 - 1 1/4" discharge stbd. side led to the sludge tanks port and stbd. side. ✓  
Forecastle space drained by 2 screw plugs with chain attachment. ✓

\* TONNAGE WELL SCUPPERS ARE LED TO HOLD BILGES.

Particulars of Side Scuttles and Deadlights :-

Below freeboard deck:- None. ✓  
Above freeboard deck:- 5 - 12" diam opening gun metal side scuttles port and 6 - 12" diam. opening gun metal side scuttles stbd. side with hinged gun metal deadlights. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel: None below freeboard deck. ✓

Distance from amidships to centre of lowest Side Scuttle: \_\_\_\_\_

Particulars of Guard Rails and Bulwarks :-

Forecastle deck:- 3 guard rails with stanchions 1070 mm high and 1050 - 1170 mm apart. ✓  
Shelter deck:- Bulwark 1050 - 1125 mm high x 6 mm with 130 x 65 x 7,5 mm bulb angle rail bar and 300 x 8 mm flanged stays 1800 mm apart. ✓

Particulars of Gangways, Lifelines, etc. :-

None. ✓

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 ... ..	<del>5900</del> 4260 mm	1050 - 1125 mm	1 - 3180 x 50 mm 2 - 1300 x 240 mm	1	1.59 m <sup>2</sup>	$\frac{2.48}{2} = 1.24 m^2$
Forward Well ... ..						

State position of each freeing port ... .. { After Well:- Frame 30 - 83 and Frame 16 and 32, 100 mm Height above Deck Edge. (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.									
			-Freeboard Deck-			-Shelter Deck-			Forecastle Deck.
Description of Hatchway	Nos.	3 off	No. 1	No. 2	No. 3	2 off	1 off	1 off	1 off
	1, 2, 3	Escape				Escape	Escape in Fo'cle	Store aft	Escape
Dimensions of Hatchway	9600 x 5000	D=540		9600 x 5000		600 x 600	600 x 600	600 x 600	700 x 500
COAMINGS	Height above Deck	No		875		230 mm	230 mm	610	610
	Thickness	No		11		above trunk	8 dk.	8	8
	Stiffeners	No		250 x 11					
	Brackets, Stays	No		1/2					
HATCH BEAMS	Number			5					
	Spacing			1600					
	Scantling and Sketch			a 400 375 375 b 10 10 10 c 200x18 200x12,5 200x12,5					
	Bearing Surface			100					
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
HATCH COVERS	Material	Steel	Steel	Wood		Steel	Steel	Steel	Steel
	Thickness	6,5	8	60		6	6	6	6
	How fitted	Stiffen.	W.T.	F & A					
	Bearing Surface	As appr.	Single Strong back	65					
Spacing of Cleats	Bolts sp.	Closing U.D.	610		Sec. by	Sec. by	Sec. by	Sec. by	
Number of Tarpaulins	As appr.	As appr.	2		4 clips	4 clips	4 clips	7 clips	
*Are wood fore and afters steel shod at all bearing surfaces? -- 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 ✓ Are wood covers fitted with galvanised end bands? Yes ✓									

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

Tonnage opening hatch aft on Shelter Deck fitted with efficient temporary closing arrangements, wood covers 60 mm thick, ~~and~~ and lashing arrangements coaming 230 x 11 mm bulb plate.

Hatch opening 1230 x 5600 mm.

VON TELLS PATENT STEEL HATCH COVERS.

EACH HATCH: 5 SECTIONS PLATING 6.5mm THICK  
 2 WEBS 250x8mm DN°1 WITH 125x12mm  
 200x8mm DN°2+3 HATCHES. FACE FLATS  
 WEBS SPACED 561/606mm APART.  
 ENDS 200x90x10mm T.W.A.  
 SIDES 150x90x10mm T.W.A.

CROSS JOINT HINGES & TOGGLES SPACED 875mm APART  
 TOGGLES AT SIDES & ENDS SPACED 500/708mm APART AND  
 330mm MAX FROM CORNERS.



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