

Lloyd's Register of Shipping.

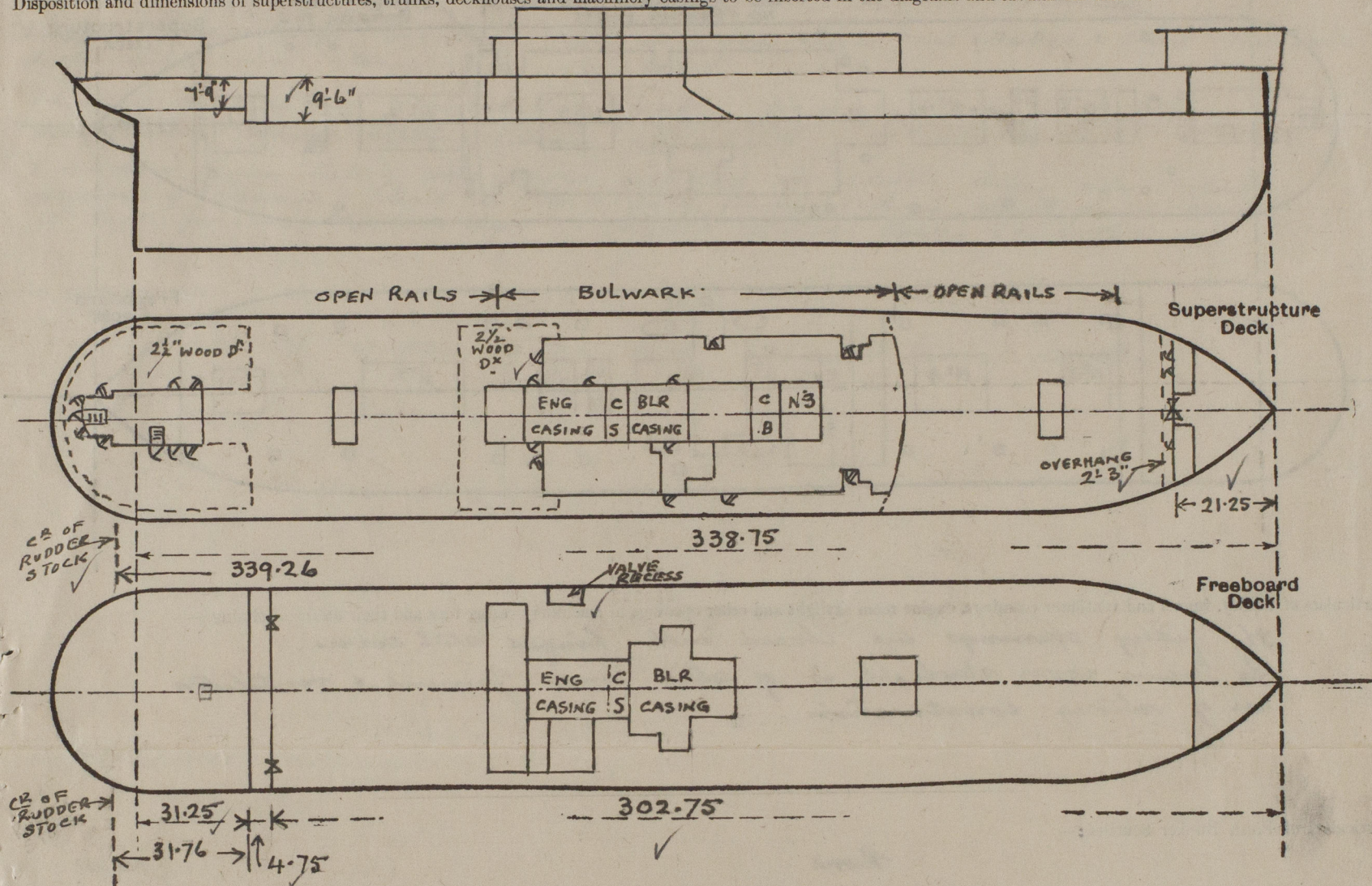
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

No. 18011

Ship's Name s/s "FLORIAN" Port of Survey WEST HARTLEPOOL
 Official Number not known yet Surveyor's Signature W. J. Craig
 Nationality and Port of Registry BRITISH LIVERPOOL Date of Survey WHILST BUILDING, MAR. 1940

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.

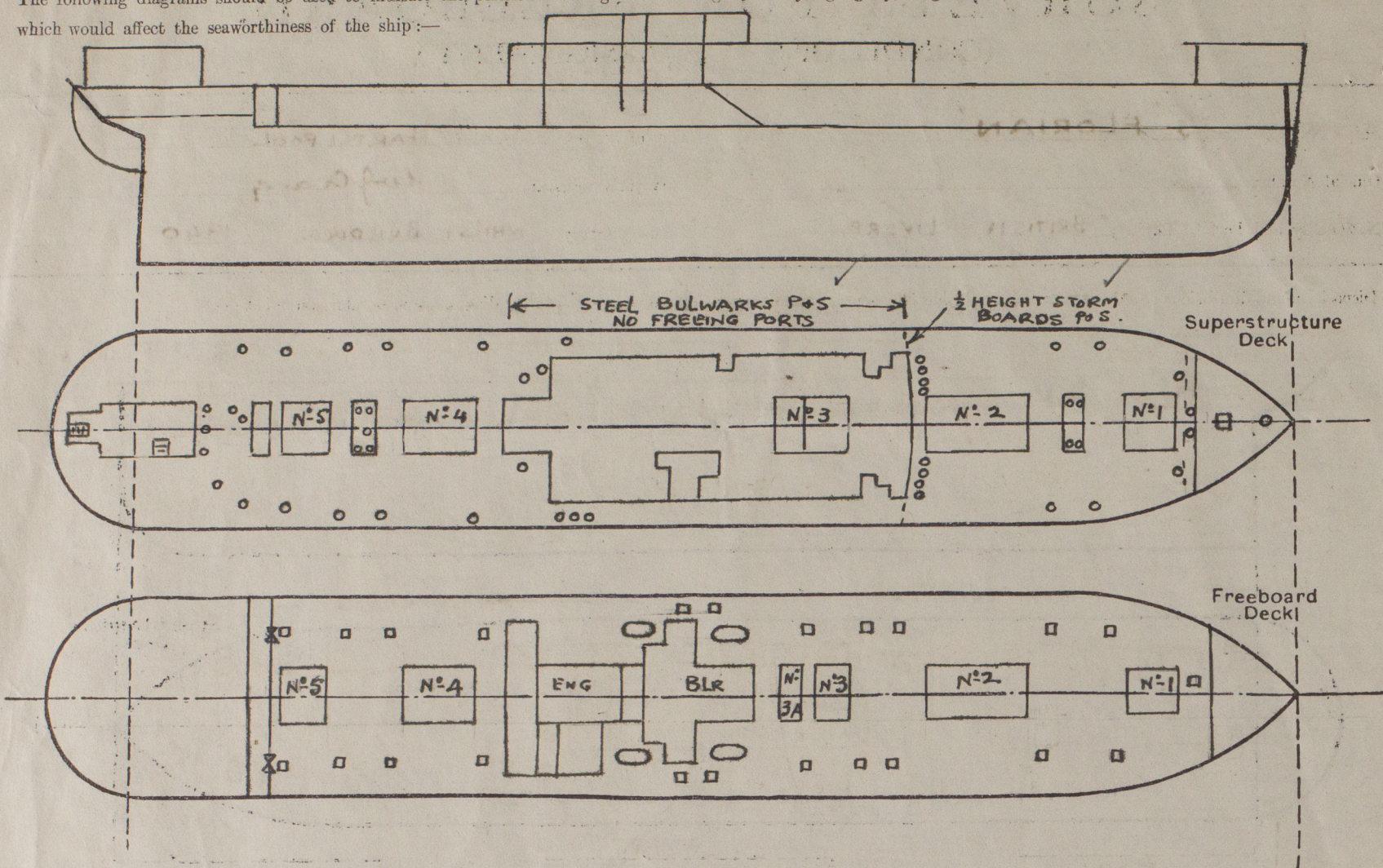
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	✓	.28 ✓	4 x 3 x .36 A	29" - 33"	none ✓	none	✓	7'-9" ✓
Raised Quarter Deck Bulkhead ...			✓					
Bridge, After Bulkhead ...	✓	.28 ✓	4 x 3 x .36 A	32" ✓	none	2 at 5'-1" x 3'-2"	18" ✓	9'-6" ✓
Bridge, Forward Bulkhead ...								
UPPER Forecastle Bulkhead ...	✓	.28 ✓	4 x 3 x .31 A	23" - 33" ✓	none	3 at 4'-6" x 2'-6" 1 at 4'-7" x 4'-6"	18" ✓	7'-0" ✓
Trunk, Aft ...				✓				
Trunk, Forward ...				✓				
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...				✓				
Exposed Machinery Casings on Superstructure Decks ...	.30 ✓	.30 ✓	3 x 2 1/2 x .30 A	29"	lugged at top	2 at 4'-9" x 2'-0"	18"	8'-0" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	.30 ✓	.30 ✓	3 x 2 1/2 x .30 A	29"	Continuous	1 PAS. 1-11" x 2'-0"	6'-9"	9'-6" ✓
Deckhouses on Flush Deck Ships ...	.30 ✓	.26 ✓	4 x 3 x .32 + 3 1/2 x 3 x .32	about 36" ✓	BKT J+B	5'-0" x 2'-0" 5'-0" x 2'-8" 5'-5" x 2'-1"	12" + 18"	7'-6" + 8'-0" ✓

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

Poop Bulkhead ...	no openings ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	3" storm boards in riveted channels full height ✓
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	3 1/2" storm boards in riveted channels full height ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	slid hinged doors operated from both sides ✓
Exposed Machinery Casings on Superstructure Decks ...	slid hinged doors operated from both sides ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	slid hinged doors operated from both sides ✓
Deckhouses on Flush Deck Ships ...	slid + 1 1/8" solid hardwood hinged doors operated from 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, 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:

The hatch openings are closed with hinged steel covers.
The engine room skylight is of steel and funnel & ventilator are of strong construction.

Particulars of Flush Bunker Scuttles:

None.

Particulars of Companionways:

Steel house aft on shelter deck of strong construction, giving access to press quarters in lower decks & to aft peak tank also below. Door at after end 5'0" x 2'3", 18" sill with 1 1/8" solid hardwood hinged door. Door on starboard side 5'0" x 2'0", 18" sill with hinged steel door. Doors operated from both sides.

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

Forecastle deck:
1- 9" vent to stores coaming 36" x 32" supported
2- 10" " " " 36" x 32" supported
2- 6" gorsewick vents to No 1 hold 18" high
Shelter deck:
10- 17" " " " 36" x 32" supported
8- 17" " " " 36" x 32" supported
2- 19" " " " 36" x 40
5- 9" " " " 36" x 32
1- 11" " " " 36" x 32
1- 15" " " " 36" x 32
2- 23" " " " 36" x 40 supported
2- 12" " " " 36" x 34
1- 16" " " " 36" x 34
1- 12" " " " 36" x 34
1- 12" " " " 36" x 34
2- 6" " " " 36" x 30
9- 6" gorsewick vents to access aft 18" high

on Mast deckhouse tops

2- 10" vents to No 1 hold coaming 19" x 32
2- 19" " " " 19" x 40
2- 16" " " " 19" x 38
2- 12" " " " 19" x 34
1- 16" " " " 19" x 38

closing appliances supplied for vent coamings.

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

Forecastle:
1- 3 1/2" air pipe 26" high to mast
1- 3" " " 22" " " "

Shelter deck: 24- 3" " " 22" 31" & 34" high.

closing appliances provided.

Particulars of Gangway Cargo and Coaling Ports:

None

Particulars of Scuppers and Sanitary Discharge Pipes:

one scupper p.s. from tonnage space discharges through shell just above freeboard deck. Scuppers 6 1/2 x 3 1/2 with screw down non return brass valves operated from shelter deck.
Two scuppers p.s. from lower decks amidships discharge into machinery space with self closing cocks at lower ends.
Scuppers p.s. from lavatories aft in poop space discharge below freeboard deck with brass storm valves at shell.
Sanitary discharges amidships & aft discharge above freeboard deck with brass storm valves at shell.
2 scuppers from Refrig. chambers situated in shelter lower deck shaft machinery casing lead to No 4 hold bilge & have screw down plugs at deck permanently attached & liquid sealed traps at bottom.

Particulars of Side Scuttles:

all side scuttles fitted with efficient hinged deadlights.

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

32' 7"

Particulars of Guard Rails:

Forecastle deck: 3 tier rails 3'6" high with stanchions about 4'6" apart
Shelter deck: 3 tier rails 3'6" " " " 4'6" "
Short steel bulwark on shelter deck at after end of forecastle and abreast midship deckhouse 3'6" high.

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 ... Tonnage	4' 9"	9' 6"	No freeing ports one scupper p.s. as noted above			
Forward Well ...						

State position of each freeing port ... (After Well:—)

None

(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.																				CASING TOP
← SUPERSTRUCTURE DECK →										← FREEBOARD DECK →										
Description of Hatchway	N°1	N°2	N°3	N°4	N°5	TOTAL HATCH	N°1	N°2	N°3	N°3A	N°4	N°5	BUNKER HATCHES	ESCAPE HATCHES	COAL SHOOT					
Dimensions of Hatchway	13'6" x 14'6"	23'8" x 16'0"	24'2" x 14'6"	21'9" x 16'0"	14'6" x 16'0"	14'5 1/2" x 16'0"	14'0" x 10'0"	34'2" x 16'0"	12'4" x 14'6"	7'6" x 14'6"	22'3" x 16'0"	15'0" x 16'0"	9'8" x 3'6"	12'1" x 3'6"	14'6" x 3'6"	2'2" x 3'6"	2'2" x 3'6"	2'0" x 3'6"	6'0" x 12'0"	
COAMINGS																				
Height above Deck	32"	32"	30"	32"	32"	19" SIDES 9" ENDS	9"	9"	9"	9"	9"	9"	9"	9"	9"	9"	9"	9"	8"	
Thickness	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	4 1/4"	
Sides	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	
Stiffeners	2	4	4	2	1															
Brackets, Stays																				
HATCH BEAMS																				
Number	2	6	3 AND 1 BMD	4	2		2	6	2	1	4	2								
Scantling and Sketch	W 100 14 1/2" x 32"	W 100 14 1/2" x 32"	W 100 14 1/2" x 32"	W 100 14 1/2" x 32"	W 100 14 1/2" x 32"		W 100 11" x 30"	W 100 15" x 34"	W 100 17" x 36"	W 100 17" x 36"	W 100 14" x 34"	W 100 15" x 35"								
WEBS																				
Bearing Surface	4"	4"	4"	4"	4"		3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"	3 1/2"								
FORE AND AFTERS																				
Number																				
Spacing																				
Unsupported Lengths																				
Scantling and Sketch																				
Bearing Surface																				
HATCH COVERS																				
Material	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	WOOD	
Thickness	3"	3"	3"	3"	3"	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	3"	
How fitted	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	F+A	
Bearing Surface	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	3"	
Spacing of Cleats	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	24"	
Number of Tarpaulins	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	2	

*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? ✓

NOTE:- wood hatches on exposed hatchways sheathed with 1/8" plates.

aft end coamings of Nos 1 & 4 hatchways, and fore end coaming of No 2 & 5 hatchways on shelter dh are supported by which girders. The aft end coaming of No 3 hatchway on boat dh is stiffened by 2 x 3 BA.

Particulars of any special features:-

The vessel is for class +100 A.1. with freeboard but the scantlings of the vessel (See Midship Section) comply with the requirements for a full scantling vessel.

AT N°1 15 10 x 3 1/2 x 52 BA ✓

N°2 " 12 x 3 1/2 x 60 BA ✓

N°3 " 8 x 3 x 40 BA (BOAT D) ✓

N°4 " 9 x 3 1/2 x 46 BA ✓

N°5 " 8 x 3 x 40 BA ✓

Section in way of hatchway side coamings on superstructure dh.

Endorsement at first survey and at surveys for renewal of Certificate:-

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.

Logbook 5.3.40

RETAIN