

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. _____
(For London Office only).

MOB. 659.

Ship's Name

EMPIRE ANNAN Ex MASUREN

Port of Survey

MIDDLESBROUGH.

Official Number

Surveyor's Signature

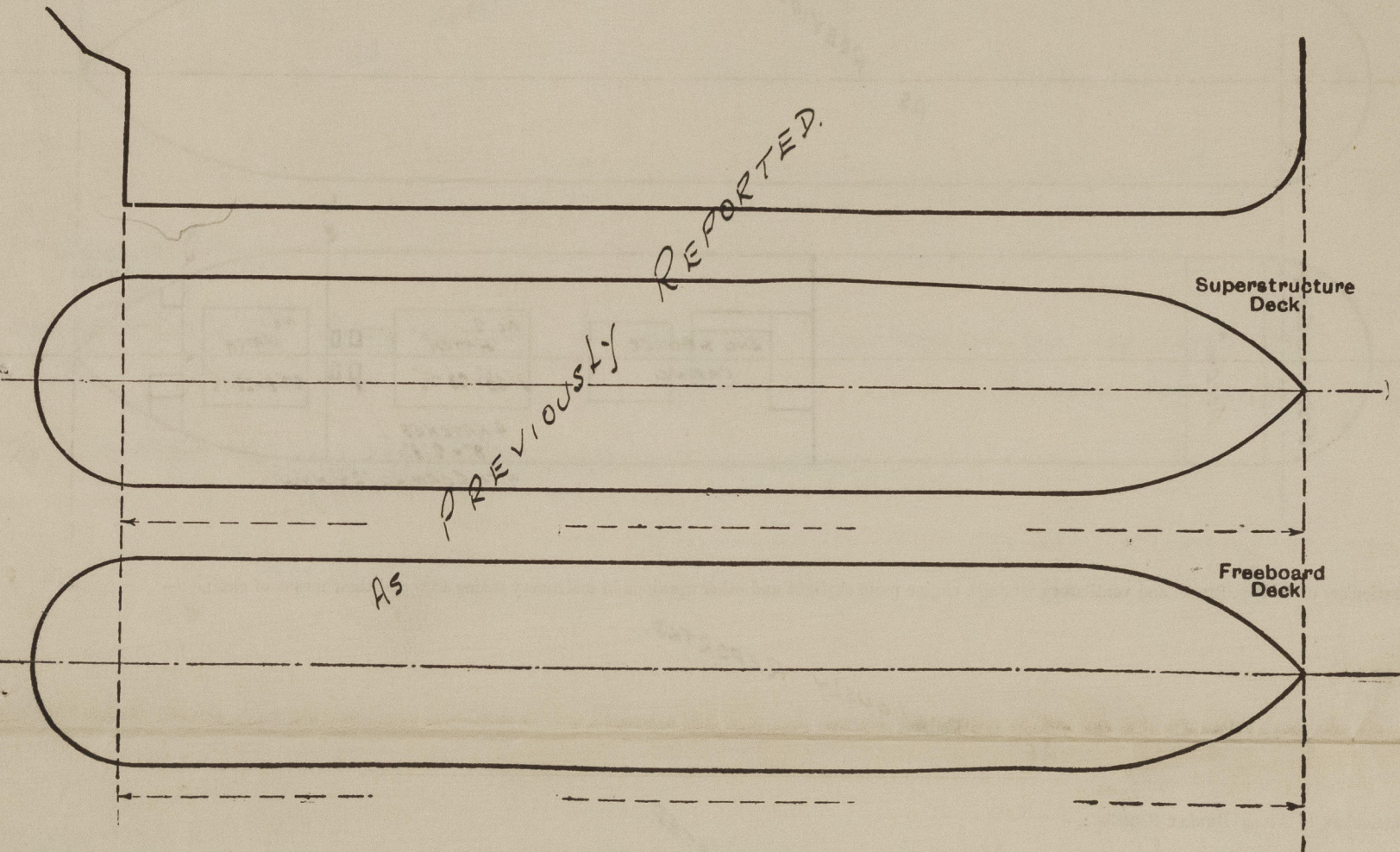
Thomas Bell.

Nationality and Port of Registry

LONDON.

Date of Survey

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 ...	✓	5/16	3 1/8 x 3/8 PLATS.	2'-0" } 5'-0" }	TOP - NONE BOTTOM WELDED	✓	✓	✓
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓			
Bridge, After Bulkhead ...	✓	5/16	3 1/8 x 5/16 PLATS.	23"-28"	NONE	AS PREVIOUSLY REPORTED	AS PREVIOUSLY REPORTED	✓
Bridge, Forward Bulkhead ...	✓	7/16	7" x 5/16 B.P.	23 1/4"-29 1/4"	WELDED T.A.B.			✓
Forecastle Bulkhead ...	✓	5/16	3 1/8 x 5/16 PLATS	24"-28"	NONE			✓
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Super-structure Decks ...	3/16	5/16	3 1/8 x 3/16	23 1/2"	NONE	AS	AS	✓
Machinery Casings within Superstruc-tures not fitted with Class I Closing Appliances ...								

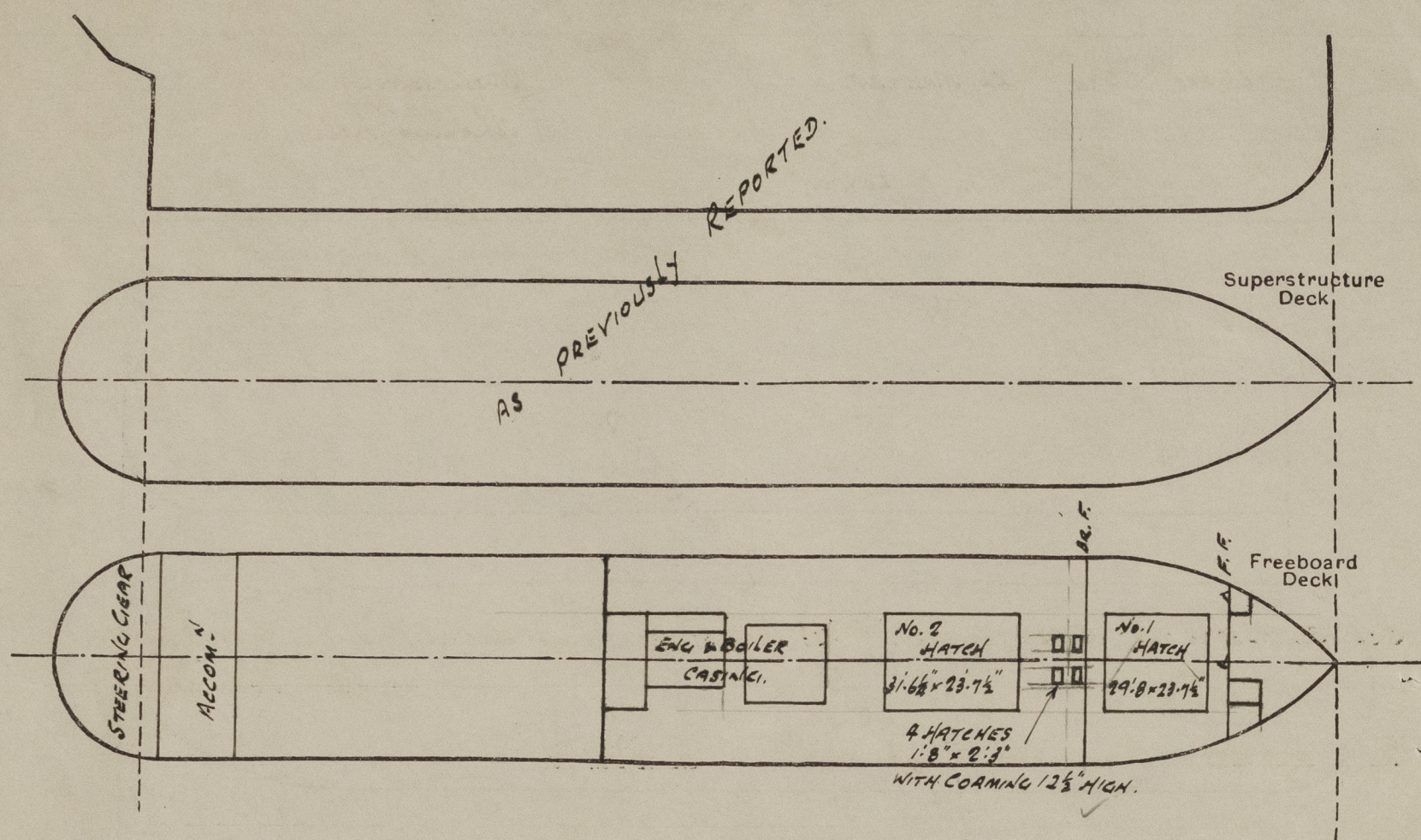
* THE WHOLE OF THE POOP BULKHEAD IS COVERED BY WOOD LINING. THIS WAS REMOVED IN TWO PLACES AND SPACING OBTAINED.

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

Poop Bulkhead ...	
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ...	
Exposed Machinery Casings on Free-board or Raised Quarter Decks ...	
Exposed Machinery Casings on Super-structure Decks ...	AS PREVIOUSLY REPORTED.
Machinery Casings within Superstruc-tures not fitted with Class I Closing Appliances ...	
Deckhouses on Flush Deck Ships ...	

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

AS PREVIOUSLY REPORTED.

Particulars of Flush Bunker Scuttles :—

AS PREVIOUSLY REPORTED.

Particulars of Companionways :—

AS

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

AS PREVIOUSLY REPORTED.

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

POSITIONS AS PREVIOUSLY REPORTED.
AIR PIPES FITTED WITH WOOD PLUGS. ✓

Particulars of Gangway Cargo and Coaling Ports :—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :—

AS PREVIOUSLY REPORTED.

Particulars of Side Scuttles :—

SIDE SCUTTLES IN THE SUPERSTRUCTURES ARE OF STRONG CONSTRUCTION AND ARE FITTED WITH EFFICIENT DEADLIGHTS.

THE SCUTTLES IN THE POOP FRONT HAVE NO DEADLIGHTS.

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

Particulars of Guard Rails :—

GUARD RAILS ON FORECASTLE DECK 3' 4" HIGH WITH 3 RODS AND STANCHIONS SPACED 4' 6" APART
BULWARK ON UPPER DECK 3' 11 1/2" STRONGLY CONSTRUCTED AND SUPPORTED BY STAYS 3' 11" APART
" " BRIDGE " 4' 0" HIGH " " " " 3' 11" " - 2 F.P. each side
" " R. QU. " 4' 0" " " " " 3' 11" "
" " POOP " 3' 3 3/4" " " " " 6' 0" "

Particulars of Gangways, Lifelines, etc. :—

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						
Forward Well						

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.

AS

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
← UPPER DECK →						← BRIDGE DECK →		← R. QU. DECK →			
Description of Hatchway	No 1	No 2	F.P. STORE.	To Hold To Hold To Hold	ACCESS	ACCESS.	No 2.	ACCESS.	No. 3	No. 4	
Dimensions of Hatchway	29'8" x 23'7 1/2"	31'6 1/4" x 23'7 1/2"	2'9" x 1'9"	2'3" x 1'8"	2'3" x 1'8"	2'3" x 1'8"	31'6 1/4" x 23'7 1/2"	2'3" x 1'8"	31'6 1/4" x 23'7 1/2"	31'6 1/4" x 23'7 1/2"	
COAMINGS											
Height above Deck	3'5"	12 1/2"	5"	12 1/2"	12 1/2"	12 1/2"	2'11 1/2"	2'0"	2'9 1/4"	2'9 1/4"	
Thickness	7" B. PLATE	✓	✓	✓	✓	✓	7" B.P.	✓	7" B.P.	7" B.P.	
Stiffeners	5 1/4" B. PLATE	✓	✓	✓	✓	✓	5 1/4" B.P.	✓	5 1/4" B.P.	5 1/4" B.P.	
Brackets, Stays											
HATCH BEAMS											
Number	5	7	✓	✓	✓	✓	7	✓	7	7	
Spacing	5'0"	4'0"	✓	✓	✓	✓	4'0"	✓	4'0"	4'0"	
Scantling and Sketch	21-13 1/2"	20 1/2"-13"	✓	✓	✓	✓	21-13 1/2"	✓	21-13 1/2"	21-13 1/2"	
WELDED FLATS	3/8"	3/8"	✓	✓	✓	✓	3/8"	✓	3/8"	3/8"	
FLATS	9/16"	9/16"	✓	✓	✓	✓	9/16"	✓	9/16"	9/16"	
Bearing Surface	3"	3"	✓	✓	✓	✓	3"	✓	3"	3"	
FORE AND AFTERS											
Number	7" x 1/8" B.P.						STAYS SPACED 5'10 1/2"		STAYS SPACED 5'10 1/2"	STAYS SPACED 5'10 1/2"	
Spacing	5 1/4" x 3/8" B.P.										
Unsupported Lengths	STAYS SPACED 5'10 1/2"										
Scantling and Sketch	HATCH STAYS.										
Bearing Surface											
HATCH COVERS											
Material	WOOD	WOOD	STEEL	WOOD	WOOD		WOOD	WOOD	WOOD	WOOD	
Thickness	2 1/8"	2 1/2"	HINGED	2 1/2"	2 3/4"		2 1/2"	2 1/2"	2 1/8"	2 1/8"	
How fitted	SOLID	SOLID		SOLID	SOLID		SOLID	SOLID	SOLID	SOLID	
Bearing Surface	3"	3"		3"	3"		3"	3"	3"	3"	
Spacing of Cleats	23"	23"		2 PER SIDE	2 PER SIDE		23"	2 PER SIDE	23"	23"	
Number of Tarpaulins	3	2		2	2		3	3	3	3	

*Are wood fore and afters steel shod at all bearing surfaces? ☒ YES

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.

HATCH ON BRIDGE DECK
FITTED WITH LOCKING BAR.

Particulars of any special features:—

EYEPLATES FOR LASHINGS ARE PROVIDED ON THE SHEERSTRAKE IN WAY OF EACH METAL SOCKET (AV. SPACING 3'11")

THE DOUBLE BOTTOM TANKS WITHIN THE MIDSHIP HALF-LENGTH OF THE SHIP HAVE ADEQUATE LONGITUDINAL SUB-DIVISION.

SECONDARY MEANS OF STEERING IS PROVIDED BY A HAND OPERATED GEAR SITUATED IN THE STEERING GEAR SPACE AFT.

THE SUPERSTRUCTURE SPACES ARE DRAINED TO THE ENGINE ROOM BILGE.

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.



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