

Lloyd's Register of Shipping.

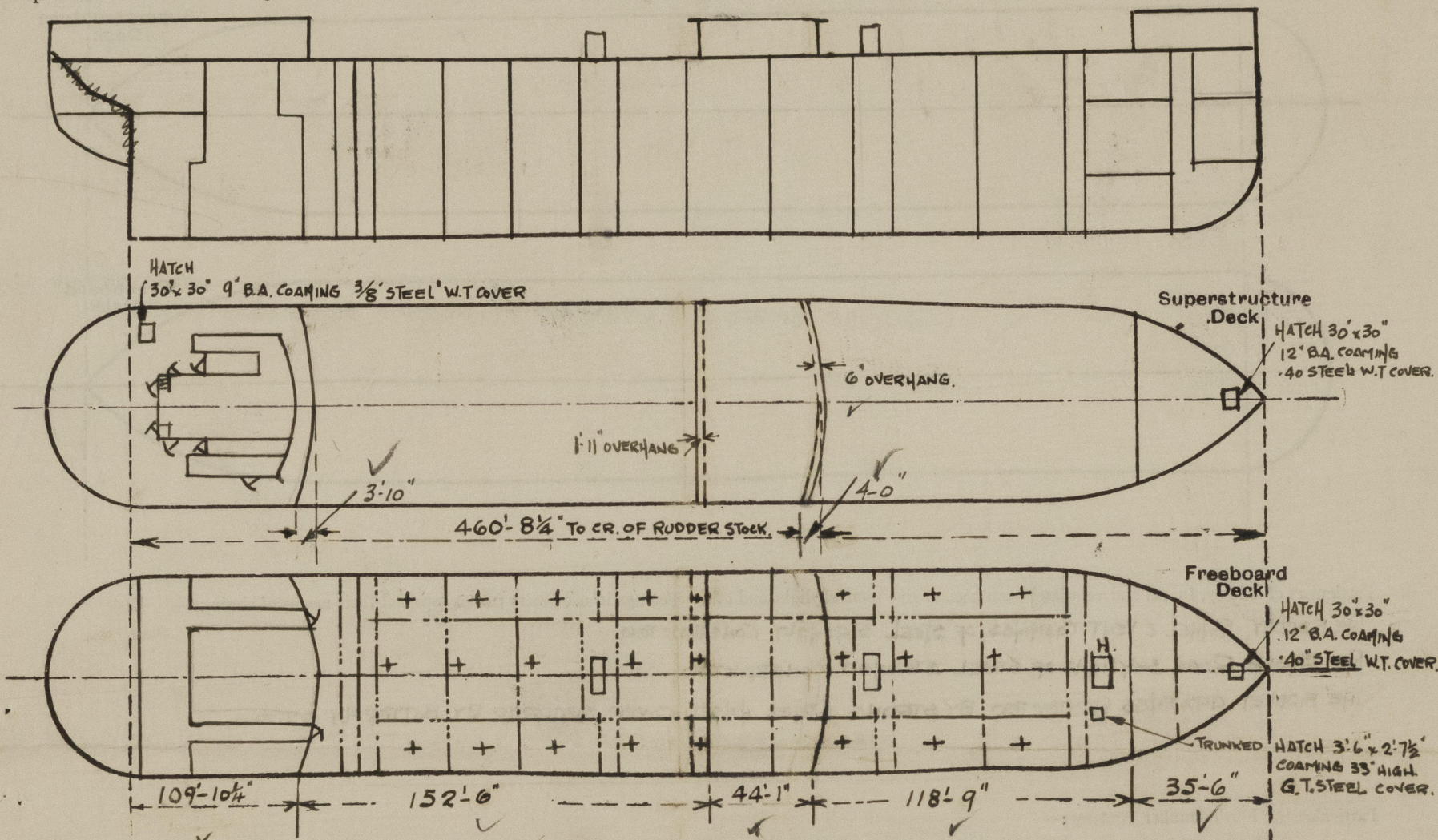
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

-6 FEB 1942

Ship's Name **"EMPIRE SAXON."**Port of Survey **NEWCASTLE-ON-TYNE.**Official Number **NOT ASSIGNED YET.**Surveyor's Signature **H. Little. E.H. Dean**Nationality and Port of Registry **BRITISH.**NEWCASTLE ON TYNE Date of Survey **DURING CONSTRUCTION.**

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



3 Plans: Midship Section, Profile & Decks, Rudder & Stern Frame

Particulars of Superstructures, Trunks, Casings, Deckhouses.

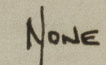
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	—	.44"	10" x 3 1/2" x 7/16"	30" ✓	LUGGED	2 HINGED STEEL W.T. DOORS 5'0" x 2'6"	18" ✓	7'6" ✓
Raised Quarter Deck Bulkhead ...	—	—	—	—	—	1 W.T. DOOR 4'3" x 2'3"	18" ✓	7'6" ✓
Bridge, After Bulkhead ...	—	.30"	4" x 3' x 5/16"	32" ✓	—	2 OPENINGS 4'1" x 3'1"	18" ✓	7'6" ✓
Bridge, Forward Bulkhead ...	—	.44"	10" x 3 1/2" x 7/16 BA	30" ✓	LUGGED.	1 HINGED W.T. DOOR 5'1" x 2'6"	18" ✓	7'6" ✓
Forecastle Bulkhead ...	—	.30"	4" x 3' x 5/16"	30" ✓	—	HINGED W.T. DOOR 4'3" x 2'3"	18" ✓	7'6" ✓
Trunk, Aft ...	—	—	—	—	—	1 OPENING 5'0" x 4'1"	—	—
Trunk, Forward ...	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Superstructure Decks ...	—	.34 - .30"	4" x 3' x 5/16" - .40"	31" ✓	BRACKETED ALTERNATELY.	HINGED DOORS 4'10" x 2'0"	18" ✓	7'6" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	—	—	—	—	—	—	—	—
PUMP ROOM ENTRANCES FEB DECK Deckhouses on Flush Deck Ships ...	—	.30"	3" x 3' x 3/8" 6" x 3 1/2" x 5/16 BA	30" ✓	BRACKETED AT TOP LUGGED AT BOTTOM.	HINGED STEEL W.T. DOOR 4'6" x 2'3" EACH ENTRANCE.	18" ✓	7'6" ✓

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

Poop Bulkhead ...	TWO STEEL HINGED W.T. DOORS OPERATED FROM BOTH SIDES. ✓
Raised Quarter Deck Bulkhead ...	1 STEEL HINGED W.T. DOOR OPERATED FROM BOTH SIDES. ✓
Bridge, After Bulkhead ...	2 OPENINGS CLOSED BY PORTABLE STEEL PLATES WITH HOOK BOLTS. ✓
Bridge, Forward Bulkhead ...	1 STEEL HINGED W.T. DOOR OPERATED FROM BOTH SIDES ✓
Forecastle Bulkhead ...	1 STEEL HINGED W.T. DOOR OPERATED FROM BOTH SIDES ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ..	1 OPENING CLOSED BY PORTABLE STEEL PLATE WITH HOOK BOLTS. ✓
Exposed Machinery Casings on Superstructure Decks ...	STEEL HINGED DOORS OPERATED FROM BOTH SIDES. ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	—
PUMP ROOM ENTRANCES FEB DK. Deckhouses on Flush Deck Ships ...	1 STEEL HINGED W.T. DOOR EACH ENTRANCE OPERATED FROM BOTH SIDES. ✓

No. 100145

Particulars of Gangway Cargo and Coaling Ports:—



Particulars of Scuppers and Sanitary Discharge Pipes :—

FROM UPPER DECK THROUGH STRINGER ANGLE, IN WAY OF POOP & BRIDGE, SCUPPERS DISCHARGE OVERBOARD WITH OPEN PIPES ^{automatic non-rel.}

SCUPPERS FROM POOP^{DECK.}A DRAIN OVER BOARD ABOVE UPPER DECK.

SANITARY DISCHARGES FROM POOPEBRIDGE DISCHARGE OVERBOARD WITH BRASS STORM VALVES AT SHIP'S SIDE ✓

Particulars of Side Scuttles :—

OF SUBSTANTIAL CONSTRUCTION AND FITTED WITH STRONG DEAD LIGHTS

Vertical distance of Sill of lowest Side Scuttle above top of keel **NONE BELOW FREE BOARD DECK**

Particulars of Guard Rails:— AT POOP BRIDGE AND FOCLE DECKS - 3'6" HIGH 3 RAILS. STANCHIONS SPACED ABOUT 4'9" APART.

AT. FREE BOARD DECK - OPEN RAILS

BULWARKS - 3' 6" HIGH x 30" THICK 6" BULB ANGLE RAIL BAR 6" BULB PLATE STAYS ABOUT 6' 0" APART, SPECIALLY STAYED

POOP DECK.

2- 18" DIA. - COAMING 24" x 36"
2- 10" " " 33" x 32" MUSHROOM TOP.
4- 6" " " 30" x 30"

A NUMBER OF STRONGLY CONSTRUCTED GOOSENECK VENTS
6"x4" 32" HIGH TO OPENING ✓ 3

ALL VENT COAMINGS CLOSED BY WOOD PLUGS. - CANVAS COVERS.

2 HIGH DERRICK POST VENTS 24" DIAM. SUITABLY SUPPORTED.

7-6" DIA. - COAMING 30" x 30"

PPER DECK AFT. WELL

2 HIGH DERRICK POST VENTS 24" DIA. SUITABLY SUPPORTED ✓

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

ON FOCLE HEAD TO FORE PEAK TANK. 2-4" DIA. 18" HIGH.

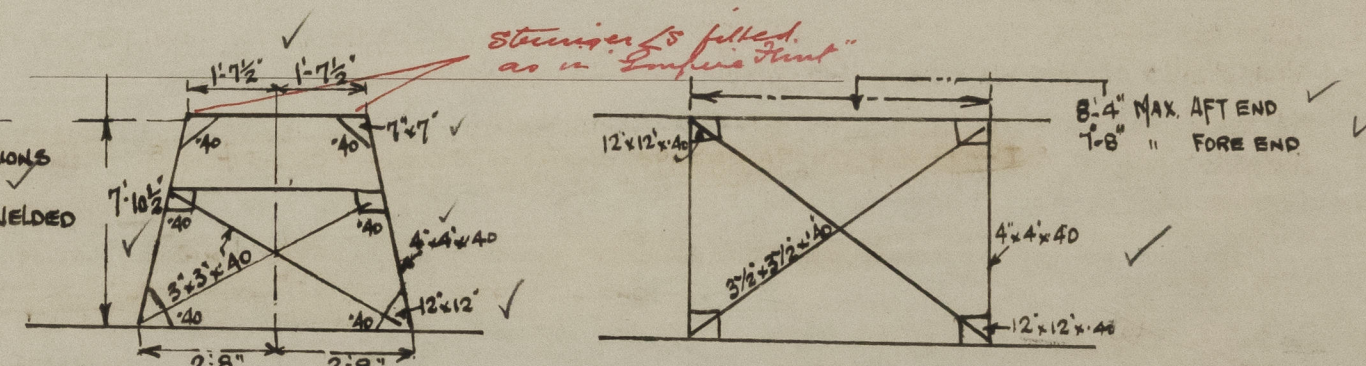
11	11	11	DEEP TANK	2 - 4'	18"	
11	11	11	UPPER DECK	2 - 4'	36"	
11	11	11	C.D.	2 - 4'	36"	✓
11	11	11	AFT.	2 - 4'	18"	ABOVE POOP DECK
11	11	11	POOP	2 - 4'	18"	
11	11	11	Q.E.D.B. TANK	4 - 4'	18"	
11	11	11	O.F. SUNNER	4 - 4'	18"	
11	11	11	COFFERDAM	1 - 2½'	18"	
11	11	11	FEED TANK D.B.	2 - 3"	18"	
11	11	11	AFT PEAK TANK.	2 - 3½'	18"	
11	11	11	F.W. TANKS.	4 - 2½'	18"	
11	11	11	RUDDER TRUNK.	1 - 3"	18"	✓

AIR PIPES WERE NOT FITTED WITH GAUZE - CLOSED BY WOOD PLUGS AND CANVAS COVERS.

Particulars of Gangways, Lifelines, etc. :—

SUBSTANTIAL GUARD RAILS & STANCHIONS

3'6" HIGH, 2 RODS AS APPROVED. ✓
GANGWAY TOP 28" PLATING WITH WELDED
STRIPS AT 12'-0" INTERVALS.



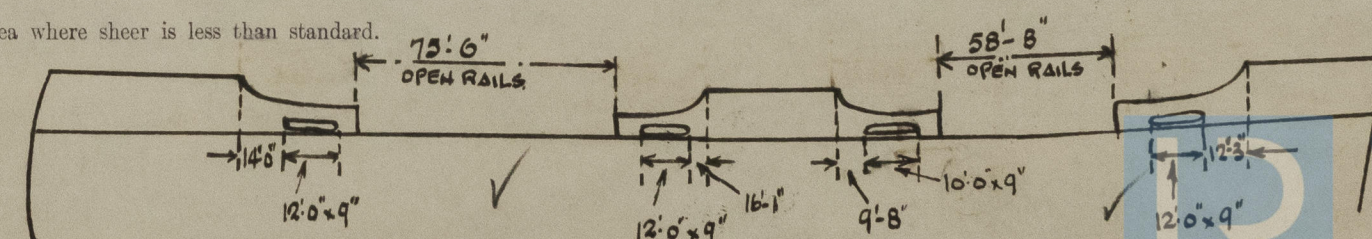
Particulars of Freeing Arrangements

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	152'-6"	3'-6"	12'-0" x 9"	2	<i>Open rails for 1/2 length of exposed part of weather deck. 3 3/4" FLANGE</i>	<i>Open rails for 1/2 length of exposed part of weather deck.</i>
Forward Well	118'-9"	3'-6"	10'-0" x 9" 12'-0" x 9"	1 1		

State position of each freeing port } After Well :—
(F. and A. position and height above deck edge) } Forward Well :— } SEE SKETCH - 12" ABOVE DECK TO OPENING

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.									
Description of Hatchway		8 CR. CARSO TANKS.	16 SIDE CARGO TANKS	TO FORE HOLD.	TO FEA COFFERDAMS.	TO O.F. BUNKERS.			
Dimensions of Hatchway		4'-6" x 3'-6"	4'-6" x 3'-6"	8'-0" x 8'-0"	23 1/2' x 18'	23 1/2' x 18'			
COAMINGS	Height above Deck	33" AND 12"	33" AND 12"	30"	12"	12"			
	Thickness	40" AND	40" AND	40"	INVERTED	INVERTED			
	Sides	40" 12" BA	40" 12" BA	40"	TYPE COAMINGS	TYPE COAMINGS			
	Ends	40" 12" BA	40" 12" BA	40"	TYPE COAMINGS	TYPE COAMINGS			
	Stiffeners	✓	✓	✓	✓	✓			
	Brackets, Stays								
HATCH BEAMS	Number								
	Spacing								
	Scantling and Sketch								
	Bearing Surface								
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
	Bearing Surface								
HATCH COVERS	Material	60 STEEL	60 STEEL	36 STEEL	36	50			
	Thickness	HINGED O.T.	HINGED O.T.	HINGED O.T.	STEEL	STEEL			
	How fitted	COVERS.	COVERS.	COVER.	COVERS.	COVER.			
	Bearing Surface	✓	✓	✓	✓	✓			
Spacing of Cleats									
Number of Tarpaulins						6			
<p>*Are wood fore and afters steel shod at all bearing surfaces ?</p> <p>Are battens and wedges efficient and in good condition ?</p> <p>Are tarpaulins in good condition and in accordance with rule requirements ?</p> <p>Are lashings provided in accordance with rule requirements ?</p>									

Particulars of any special features :—

DISPLACEMENT AT 28'-0" DRAUGHT. 17,111 TONS TONS PER INCH = 56.77. ✓
" " 27'-0" " 16,428 " " " " = 56.15

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.

