

LLOYD'S REGISTER OF SHIPPING

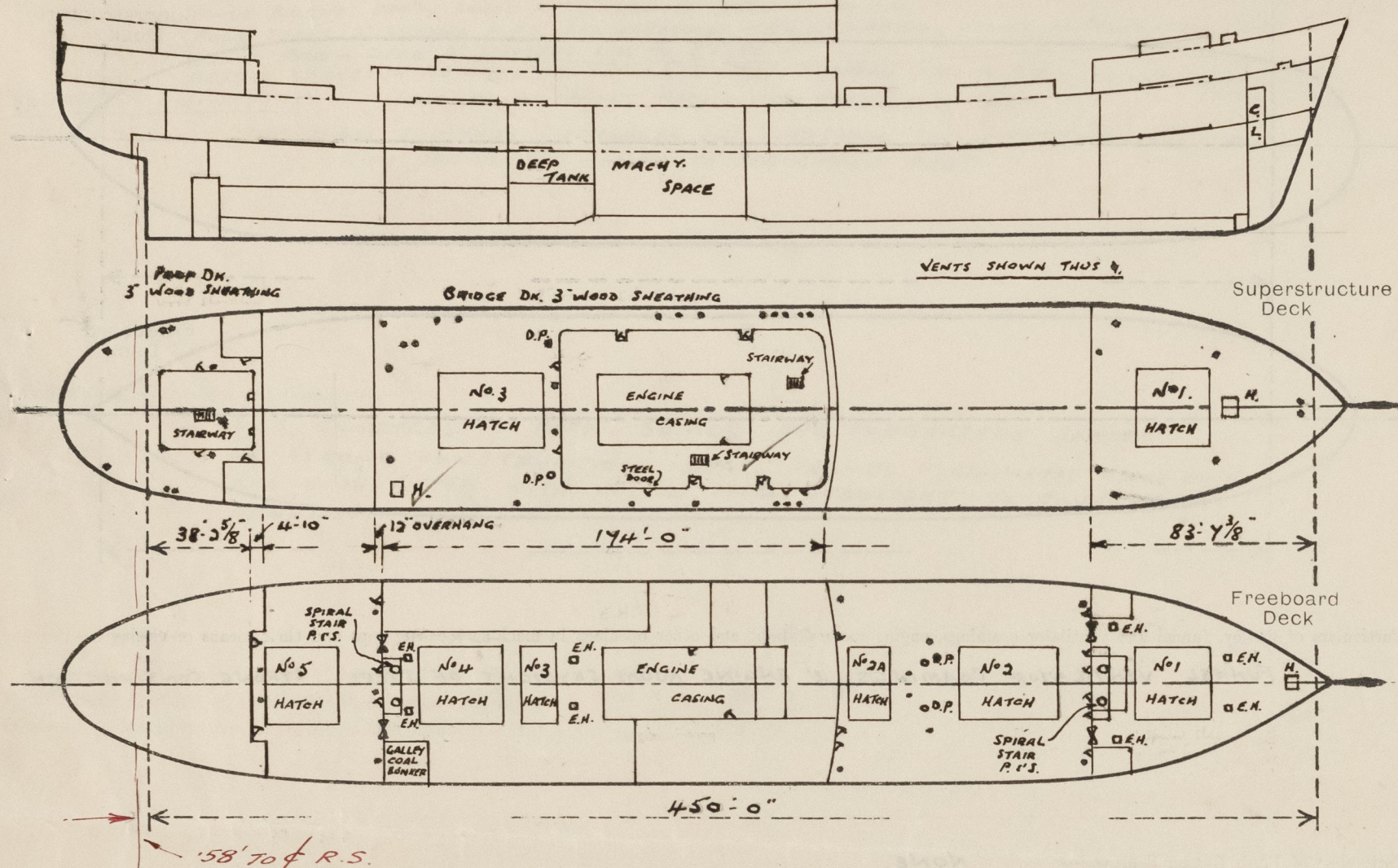
Index No.
(For London Office only.)

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

Ship's Name **"SEISTAN"** Port of Survey **NEWCASTLE - ON - TYNE**
 Official Number **187620** Surveyor's Signature **J Ballantine**
 Nationality and Port of Registry **BRITISH LONDON.** Date of Survey **WHILE 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.

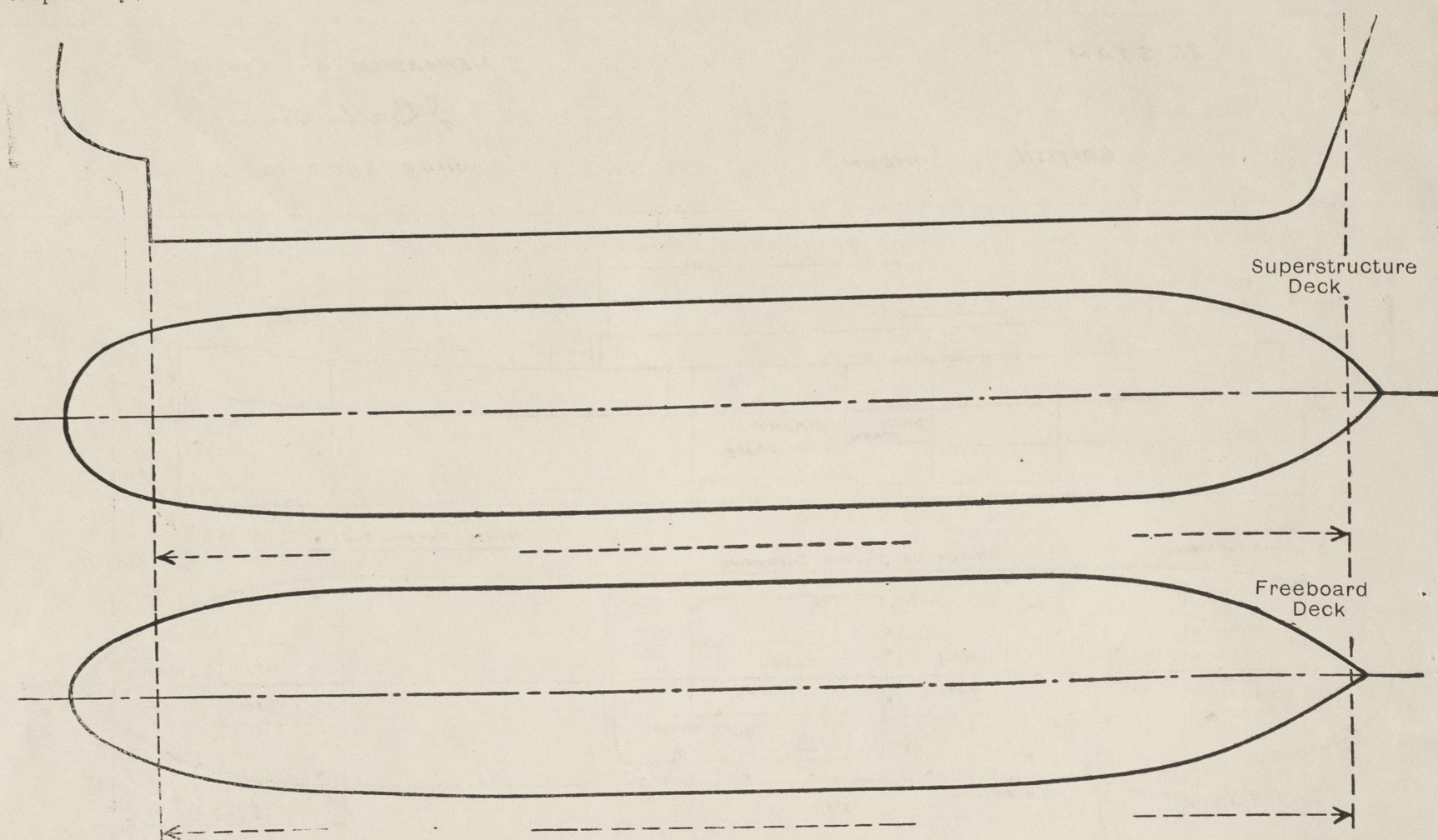
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Poop Bulkhead ...	38"	38"	7 x 3 1/2 x 40" B.A.	34" to 36"	LUGGED.	22 4'-6" x 2'-0"	18"	8'-6"
Raised Quarter Deck Bulkhead ...	30"	30"	4 x 3 x 40" O.A.	30"	NONE	22 4'-4" x 3'-1" 22 3'-8" x 3'-0" 12 5'-0" x 3'-6"	18"	9'-0"
Bridge, After Bulkhead ...	44"	44"	9 x 3 1/2 x 54" B.A.	30"	LUGGED.	22 5'-0" x 3'-6" 12 5'-0" x 3'-6"	18"	9'-0"
Bridge, Forward Bulkhead...	30"	30"	4 x 3 x 40" T.W.	30"	NONE	22 5'-1" x 4'-1" 62 4'-6" x 2'-0"	18"	8'-6"
Forecastle Bulkhead...								
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 ...	26"	26"	3 x 2 1/2 x 26" T.W.	29"	CONTINUOUS	22 5'-0" x 2'-0" (I.P.I.S.)	18"	9'-0"
Deckhouses and Pump Room Entrances								

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

Poop Bulkhead ...	2 HINGED STEEL DOORS OPERABLE BOTH SIDES, (W.T.)
Raised Quarter Deck Bulkhead ...	3 HINGED STEEL DOORS OPERABLE BOTH SIDES, (W.T.)
Bridge, After Bulkhead ...	2 TONNAGE OPENINGS WITH PORTABLE PLATES SECURED BY HOOK BOLTS
Bridge, Forward Bulkhead ...	3 HINGED STEEL W.T. DOORS OPERABLE BOTH SIDES.
Forecastle Bulkhead...	2 TONNAGE OPENINGS WITH PORTABLE PLATES SECURED BY HOOK BOLTS.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	6 HINGED STEEL DOORS OPERABLE BOTH SIDES, (5 W.T.)
Exposed Machinery Casings on Superstructure Decks ...	
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	2 (I.P.I.S.) HINGED STEEL DOORS OPERABLE BOTH SIDES.
Deckhouses and Pump Room Entrances	

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

✓ FUNNEL, VENTILATOR COAMINGS, & ENGINE ROOM SKYLIGHT OF STEEL, STRONG CONSTRUCTION.

Particulars of Flush Bunker Scuttles :-

NONE.

Particulars of Companionways :-

(including those incorporated in deckhouses and masthouses)

BRIDGE DECKHOUSE. 2 HINGED 2" WOOD DOORS 4'6" x 3'3" OPERABLE BOTH SIDES 18 1/2" SILLS.
6 " " " 4'6" x 2'0" " " 18 1/2" "
1 HINGED STEEL DOOR 4'6" x 2'0" " " 18 1/2" "

POOP DECKHOUSE. 2 HINGED STEEL DOORS 4'6" x 2'0" OPERABLE BOTH SIDES 18 1/2" SILLS.

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

FORECASTLE DECK
2 2 3/4" DIA. 36 1/4 x 40" TO N°1 HOLD.
2 2 1/4" DIA. 36 1/4 x 38" - N°1 HOLD
3 2 1/2" DIA. 36 1/4 x 34" - FOOLE SPACE.
1 2 10" DIA. 36 1/4 x 34" - F.P. STORE
9 2 6" DIA. 36 1/4 HIGH GOOSENECK TO STORES ETC.

UPPER DECK
2 2 3/4" DIA. 10'0" x 40" TO N°2 HOLD (SUPPORTED)
2 2 1/4" DIA. 7'0" x 40" - N°2 " "
2 DERRICK POST VENTS - N°2 "
2 2 1/2" DIA. 36 1/4 HIGH ADMIRALTY PATM. WATER EXCLUDING TO CHLORINE GAS COMPT.
2 2 1/2" DIA. 36 1/4 x 34" TO N°3 TWEEN DX.
2 2 1/2" DIA. 11'0" x 40" TO N°5 HOLD (SUPPORTED.)
1 2 1/2" DIA. 36 1/4 x 34" TO SHAF TUNNEL.

BOAT DECK
2 2 1/2" DIA. 33 1/4 x 34" TO N°3 HOLD DEEP TANK.

BRIDGE DECK
4 PORT 5" STARR. 2 12" DIA. 30 1/4 x 34" TO N°2 HOLD. TWEEN DX. 1' STORES.
5 PORT 2 14" DIA. 30 1/4 x 36" TO STORES 1' REFRIG. MACH.
2 PORT 2 10" DIA. 30 1/4 x 32" TO HOSPITAL.
1 PORT 2 12" DIA. " ADMIRALTY TYPE.
3 DERRICK POST VENTS TO N°3 TWEEN DX.
2 2 1/4" DIA. 33 1/4 x 38" TO N°4 HOLD.
2 2 3/4" DIA. 33 1/4 x 40" - N°4 "
7 PORT 14" STARR. 2 6" x 5", 33 1/4 x 30" GOOSENECKS TO STORES, ACCOM. ETC.

POOP DECK
2 2 1/2" DIA. 33 1/4 x 34" TO N°5 TWEEN DX.
4 2 10" DIA. 36 1/4 x 32" TO STEER GEAR 1' FIRE PUMP COMPT.
2 2 8" DIA. 1' 10" x 6" DIA. 33 1/4 ADMIRALTY TYPE TO DRYING ROOM ETC.
3 2 6" DIA. 30 1/4 HIGH GOOSENECKS TO STORES 1' RUDDER TRUNK.

DOCKING BRIDGE AFT
2 2 1/2" DIA. 33 1/4 x 38" TO N°5 HOLD.
ALL VENT COAMINGS WELDED TO DECK CLOSING ARRANGTS. WOOD PLUGS AND CANVAS COVERS.

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

FORECASTLE DECK
2 2 4" DIA. 36 1/4 HIGH TO FORE PEAKS.
3 2 3" DIA. 36 1/4 - TO D.B. COFFERDAMS.
4 2 6" DIA. 36 1/4 - TO N°1 1'2 TANKS.

UPPER DECK
3 2 4" DIA. 36 1/4 HIGH TO N°2 TANK
4 2 6" DIA. 36 1/4 - N°3 & 4 TANKS

BRIDGE DECK
6 2 4" DIA. 18 1/4 HIGH TO N°4 1'2 TANKS.
4 2 3" DIA. 18 1/4 - D.B. COFFERDAMS.
4 2 6" DIA. 18 1/4 - N°4 1'2 TANKS.
4 2 5" DIA. 18 1/4 - DEEP TANK.

POOP DECK
1 2 6" DIA. 36 1/4 HIGH TO N°9 TANK.
2 2 4" DIA. 36 1/4 - AFTER PEAK.

AIR PIPES TO OIL FUEL TANKS HAVE GAUZE & CANVAS COVER
AIR PIPES ELSEWHERE HAVE WOOD PLUGS.

Particulars of Gangway Cargo and Coaling Ports :-

NONE FITTED.

Seistan.

Particulars of Scuppers and Sanitary Discharge Pipes :-

SCUPPERS. FROM FORD. AND AFTER WELLS CUT THROUGH DECK ANGLE.
BRIDGE DECK DRAINED WITH 3" SCUPPERS LED OVERBOARD ABOVE FREEBOARD DECK.
BRIDGE TWEEN DECK FORE END 3" SCUPPER P.I'S. LED TO E.R. BILGES WITH WEIGHTED COCKS.
" " " AFT END 2" SCUPPER P.I'S. LED TO BILGES AND GEARED TO BRIDGE DECK WITH INDICATORS.
BRIDGE TWEEN DECK ENCLOSED SPACES. 2" SCUPPERS LED TO BILGES.
FOOLE SPACE 3" SCUPPER P.I'S. LED OVERBOARD WITH NON-RETURN VALVES TO CONVENTION REQTS.
FOOLE BULKHD. DRAIN PLUGS PERMANENTLY SECURED TO 2ND.
POOP SPACE 3" SCUPPER P.I'S. LED OVERBOARD WITH NON-RETURN VALVES TO CONVENTION REQTS.
LOWER TWEEN DECK 2" SCUPPERS LED TO BILGES.
REFRIG. SPACES IN BRIDGE TWEEN DX. 3" SCUPPERS TRAPPED & LED TO E.R. BILGE WITH WEIGHTED COCK.

SANITARY DISCHARGES NONE FROM SPACES BELOW THE FREEBOARD DECK.
ALL SANITARY DISCHARGES LED OVERBOARD BELOW THE FREEBOARD DECK WITH NON-RETURN VALVES TO CONVENTION REQTS.

Particulars of Side Scuttles and Deadlights :-

SIDE SCUTTLES IN POOP, BRIDGE, AND FORECASTLE SPACES OF STRONG CONSTRUCTION. BRASS FRAMES & GUNMETAL HINGE PINS AND EACH FITTED WITH HINGED STEEL DEADLIGHT TO CONVENTION REQUIREMENTS.

Vertical distance of Sill of lowest Side Scuttle above top of keel 38'9"
Distance from amidships to centre of lowest Side Scuttle 3'0"

Particulars of Guard Rails and Bulwarks :-

ON POOP AND FOOLE RAILS 3'6" HIGH WITH 3 RODS. STANCHIONS 5'6" APART.
ON BRIDGE DECK " " " " " AND STEEL BULWARK
" " " " " " " HIGH IN WAY OF DECKHOUSE.
UPPER DECK IN WELLS - STEEL BULWARK 4'3" HIGH WITH 6" B.A. RAIL BAR AND STAYS 6'0" APART.

Particulars of Gangways, Lifelines, etc. :-

PROVISION MADE FOR LIFELINES IN FORE AND AFTER WELLS.

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	45'-11" ✓	4'-3"	4'-0" × 1'-4"	3	15.9 ^X $\frac{1}{2}$	11.10 $\frac{1}{2}$
Forward Well	103'-5" ✓	4'-3"	4'-0" × 1'-4"	7	37.2 ^X $\frac{1}{2}$	20.70 $\frac{1}{2}$
State position of each freeing port			<div><div>After Well :—</div><div>Forward Well :—</div></div> <div><div>5'-0" 7'-8" 7'-6" 7'-6" 7'-11" 13'-8" 13'-3" 13'-0"</div><div>10'-3" 6'-5" 6'-6" 10'-9"</div><div>✓ 14" ABOVE DECK.</div></div>			
(F. and A. position and height above deck edge)						
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :— STEEL SHUTTERS HINGED AT CENTRE ON METAL PINS ^X						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.

Description of Hatchway		FOCLE DK.		UPPER DECK				BRIDGE DK.	
		Nº1	Nº1.	Nº2	Nº2A	Nº3	Nº4	Nº5	Nº3
Dimensions of Hatchway		27' x 22'	27' x 22'	38'8" x 22'	14'6" x 22'	12'1" x 22'	33'10" x 22'	29' x 22'	41'1" x 22'
COAMINGS	Height above Deck	3'8"	9"	2'4½"	2'6"	9"	9"	2'4½"	2'9"
	Thickness	50"	40"	50"	60"	40"	40"	50"	60"
	Sides	44"	40"	44"	44"	40"	44"	44"	44"
	Stiffeners	12 x 3½ x 50 BA.	-	9 x 3½ x 50 BA.	12 x 3½ x 50 BA.	-	-	9 x 3½ x 44 BA.	9 x 3½ x 44 BA.
	Brackets, Stays	7 x 3 x 44 BA.	-	7 x 3 x 44 BA.	7 x 3 x 44 BA.	-	-	7 x 3 x 44 BA.	7 x 3 x 44 BA.
		STAYS NOT MORE THAN 10'0" APART AT EXPOSED HATCHES.							
HATCH BEAMS	Number	4	7			1	6	5	7
	Spacing	5'5"	4'10½"			6'0½"	4'10"	4'11"	5'2"
	Scantling and Sketch								
		9' x 40'	9' x 66'			9' x 40'	9' x 40'	9' x 66'	9' x 66'
		22' x 50'	30' x 50'			22' x 50'	20' x 50'	20' x 50'	20' x 50'
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
	Bearing Surface								
HATCH COVERS	Material	MCGREGOR	PINE	"MEPCO"	MCGREGOR	PINE	PINE	"MEPCO"	"MEPCO"
	Thickness	PATENT	2 7/8"		PATENT	3 1/4"	2 7/8"		
	How fitted	STEEL	F & A.	F & A.	STEEL	F & A.	F & A.	F & A.	F & A.
	Bearing Surface	COVERS	3' x 4"	3' x 4"	COVERS	3' x 4"	3' x 4"	3' x 4"	3' x 4"
Spacing of Cleats		-	24"	24"	-	24"	24"	24"	24"
Number of Tarpaulins		-	1	3	-	1	1	3	3
*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?		LOCKING BARS							
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.)

HATCH ON FOCLE DECK. 3'3" x 4'0" COAMING 36" x 44" WITH HINGED STEEL W.T. COVER.
HATCH ON UPPER DK. IN FOCLE FOR. 3'9" x 4'0" 9" B.A. COAMING. WOOD COVERS, TARP. CLEATS, BATTENS & WEDGES.
HATCH ON BRIDGE DK. AFT STARBOARD SIDE 2'1" x 4'0" COAMING 36" TO 30" x 44" WITH HINGED STEEL W.T. COVER.
ACCESS HATCHES ON UPPER DECK, 4 IN BRIDGE SPACE, 4 IN FOCLE SPACE:— 1'11½" x 2'2½", 9" B.A. COAMING. WOOD COVERS, TARP. CLEATS, BATTENS & WEDGES.
1 ON CENTRE LINE ON UPPER DECK FORWARD OF N. 2nd HATCH
2'4" x 2'6" - COAMING 30" HIGH x 44" WITH WATERTIGHT STEEL COVER, RUBBER JOINTING & TUGGLES.

MCGREGOR PATENT STEEL HATCH COVERS.

	Nº1 FOCLE DK.	Nº2A UPPER DK.
TOP PLATING	24" to 29"	29" to 30"
SIDE PLATING	3/8"	3/8"
TRANSVERSE WEB SPACING	2'0½" to 2'4½"	2'4" to 2'5"
TRANSVERSES WEBS BOTTOM FLATS	11/5½" x 30" 5½" x 6" x 5/8" 3" x 5/8" AT JOINTS.	11/5½" x 30" 6½" x 5/8"
SPACING OF CLEATS	3'3"	3'3"
" " CROSS JOINT WEDGES	4'0"	4'0"