

LLOYD'S REGISTER OF SHIPPING

Index No. _____
(For London Office only.)

UNITED WITH THE BRITISH CORPORATION REGISTER

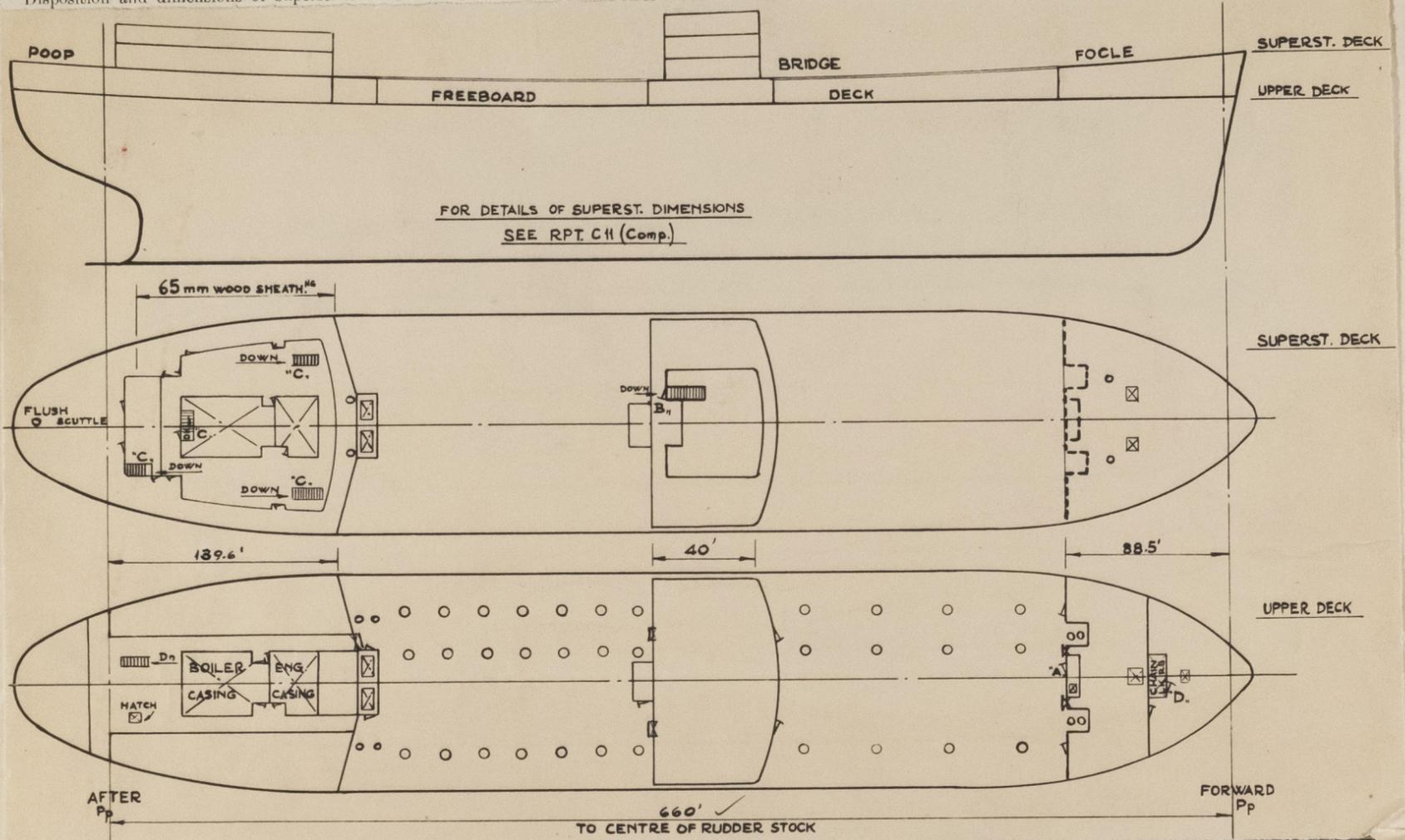
SURVEYS FOR FREEBOARD.

6 OCT 1959

(CONDITIONS OF ASSIGNMENT.)

Ship's Name ESSO LIVERPOOL CRDA YARD No 1841 Port of Survey TRIESTE
W. ESSO EL SALVADOR Official Number 300 999 Surveyor's Signature [Signature]
 Nationality and Port of Registry BRITISH LONDON Date of Survey SEPTEMBER 1959

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.

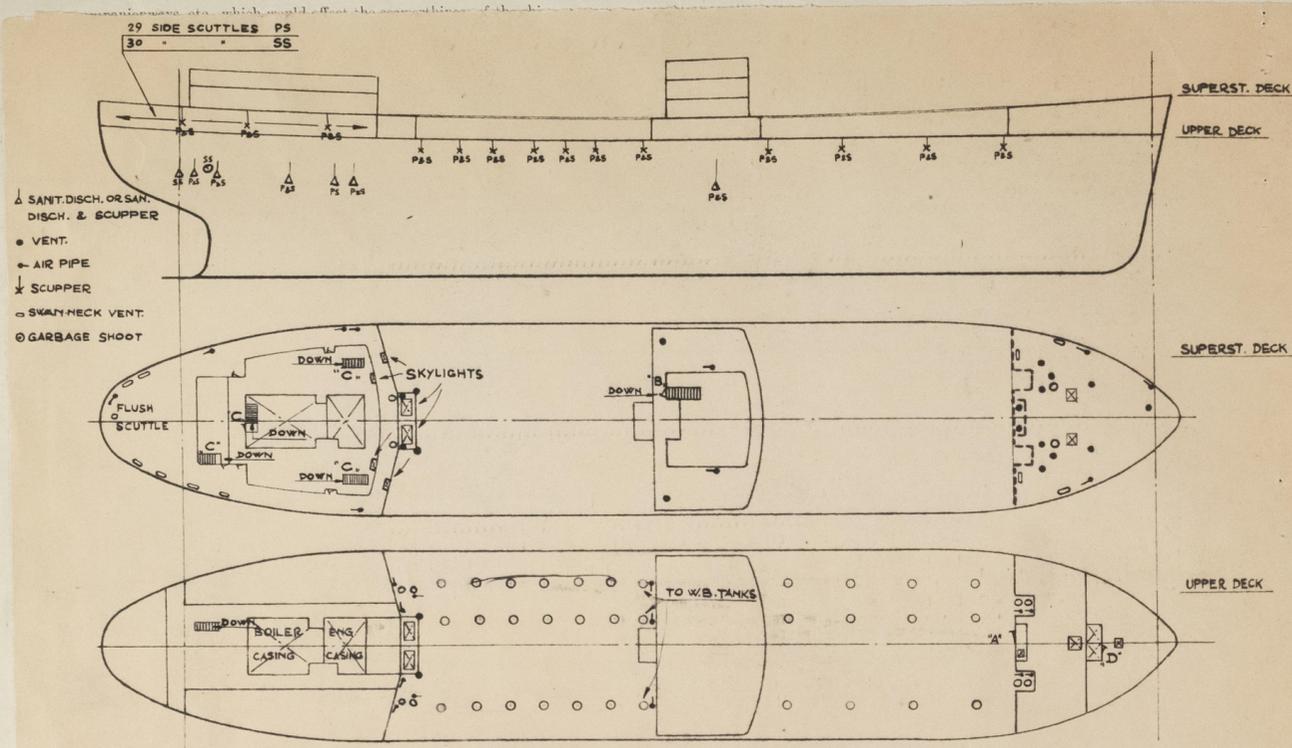
	Coaming MM	Plating MM	Stiffeners MM	Spacing MM	End Attachments of Stiffeners		Size of Openings MM	Height of Sills MM	Height, Beam to Beam
					LUG BKT.	TOP BOTTOM			
Poop Bulkhead	PLATED VERTICALLY	II ✓	300 X 12 B.P. ✓	762 ✓	LUG BKT.	TOP BOTTOM	1 OFF 1520 X 700 ✓	480 ✓	2590 ✓
Raised Quarter Deck Bulkhead									
Bridge, After Bulkhead	7.5	7.5 ✓	120 X 8 ✓ 280 X 14 7 OUT OF ✓	700 ✓	TOP & BOTTOM	WELDED	1480 X 1100 ✓	460 ✓	2590
Bridge, Forward Bulkhead	II	II ✓	320 X 14 B.P. ✓	762 ✓	TOP & BOTTOM	WELDED	1530 X 700 ✓	480 ✓	2590
Forecastle Bulkhead	PLATED VERTICALLY	7.5	160 X 7 B.P. ✓	700 ✓	TOP & BOTTOM	WELDED	2 AT 1530 X 700 2 AT 1490 X 1080	460 ✓ 610 ✓	2590
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									
MAIN PUMP ROOM ENTRANCES	PLATED VERTICALLY	II ✓	300 X 12 B.P. ✓	750 ✓	BKT. WELDED	TOP BOTTOM	2 OFF 1400 X 700	610 ✓	2020 ✓

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

Poop Bulkhead	BOLTED W.T. STEEL PLATE, BOLTS SPACED 4.2 DIA. APART (CLASS I) ✓
Raised Quarter Deck Bulkhead	
Bridge, After Bulkhead	2 PORTABLE STEEL PLATES SECURED WITH HOOK BOLTS NOT PASSING THROUGH BULKHEAD (CLASS I) ✓
Bridge, Forward Bulkhead	2 HINGED STEEL W.T. DOORS SECURED WITH CLIPS CAPABLE OF BEING OPERATED FROM BOTH SIDES (CLASS I) ✓
Forecastle Bulkhead	2 HINGED STEEL W.T. DOORS SECURED WITH CLIPS CAPABLE OF BEING OPERATED FROM BOTH SIDES AND 2 PORTABLE STEEL PLATES SECURED WITH HOOK BOLTS NOT PASSING THROUGH BULKHEAD (CLASS I) ✓
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	
Deckhouses and Pump Room Entrances	2 HINGED STEEL W.T. DOORS SECURED WITH CLIPS CAPABLE OF BEING OPERATED FROM BOTH SIDES (CLASS I) ✓

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,



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

- FIDDLE FUNNEL VENT. COAMINGS & E.R. SKYLIGHT STRONGLY CONSTRUCTED OF STEEL.
- SKYLIGHT FITTED WITH HINGED STEEL FLAPS WITH STRONG BULLSEYE LIGHTS.
- FIDDLE OPENINGS PROVIDED WITH HINGED STEEL W.T. COVERS.
- VENTS (DIMENSIONS IN MILLIMETRES) :
 - 8 AT 1070 DIA. X 7 THICK, HEIGHT 1900, FIXED MUSHROOM TOPS
 - 4 AT 650 DIA. X 5 THICK, HEIGHT 970, FIXED MUSHROOM TOPS
 - 2 AT 1000 DIA. X 7 THICK, HEIGHT 1150, FIXED MUSHROOM TOPS

Particulars of Flush Bunker Scuttles :-
 1 = 430 MM. DIA. SCUTTLE ON POOP DECK WITH STEEL W.T. COVER SECURED WITH 4 TOGGLES.

Particulars of Companionways :-
 "A" ENTRANCE TO FORWARD PUMP ROOM (INCORPORATED IN FOCLE) PLATING 7.5, STIFFENERS 160 X 7 AND ON THE INTERNAL BULKHEADS, L 60 X 40 X 5, SPACED 570, HINGED STEEL W.T. DOOR SECURED WITH CLIPS OPERATED BOTH SIDES, SILL 610.
 "B" COMPANIONWAY ENCLOSED IN STRONG STEEL DECKHOUSE ON BRIDGE DECK, HINGED STEEL W.T. DOOR OPERATED BOTH SIDES, SILL 380.
 "C" STAIRWAYS INSIDE DECKHOUSE SUPERIMPOSED ON POOP DECK LEADING TO POOP SPACE; HOUSE OF STRONG CONSTRUCTION, HINGED STEEL OR 2" HARDWOOD DOORS OPERATED BOTH SIDES, SILL 460.
 "D" ENTRANCE TO CHAINLOCKER (IN FOCLE TWBDECK) IN STRONG STEEL CASING, HINGED STEEL DOOR, SILL 1440.

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

NO. OFF	DIA.	HEIGHT	THICK	POSITION	SWAN NECK VENTS:	EFFICIENT MECHANICAL VENTILATION INLETS & OUTLETS
1	596	915	10	FOCLE DECK	4 ON FOCLE DECK	ON BOAT DECKS, TOP OF DECKHOUSE SUPERIMPOSED ON BOAT DECK
1	596	915	10	DO	6 ON POOP DECK	AFT AND TOP OF NAVIGATION BRIDGE
4	346	915	9.5	DO	ALL 915 MM. HIGH OF STRONG CONSTRUCTION	ALL VENT COAMINGS ON FREEBOARD & SUPERSTRUCTURE DECKS CLOSED
2	445	915	10	DO	WITH HINGED STEEL COVERS SECURED WITH WING NUTS.	WITH HINGED STEEL W.T. COVERS SECURED WITH WING NUTS.
2	746	915	10	DO		REMAINING VENTS PROTECTED BY FIXED STEEL MUSHROOMS.
2	445	760	10	BRIDGE DECK		
1	419	915	10	BOAT DK. AMIDSHIPS		
1	150	760	7.5	DO		
1	618	760	9	NAV. BRIDGE TOP		
2	300	1500	8.5	AFTER PUMP ROOM TOP		
1	542	850	8	BOAT DK. AFT		
1	254	1300	7	TOP OF DECKHOUSE SUPERIMPOSED ON BOAT DECK AFT.		
1	2400x460	1150	6	DO		
1	580	1200	10	DO		
2	360	1000	7.5	FIDDLEY TOP		
2	610x450	1400	10	DO		
1	698	11520	12	UPPER DECK		
1	698	3640	12	DO		

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

NO. OFF	POSITION	DIA.	HEIGHT	AIR PIPES TO OIL TANKS, WATER BALLAST TANKS NO. 5 AND F.W. TANKS IN BRIDGE FITTED WITH SPHERICAL NONRETURN VALVES AND DOUBLE SUPPORTING RINGS.
1	FOCLE DECK	250	800	
1	DO	200	460	
2	UPPER DECK FWD	200	1640	
2	DO	125	915	
2	UPPER DECK AFT	125	915	
2	DO	200	2550	
2	DO	200	2200	
3	UPPER DK. AMIDS.	200	1000	
2	BRIDGE DECK	80	460	
1	POOP DECK	150	460	
4	DO	65	460	
2	TOP OF DECKHOUSE 40 SUPERIMPOSED ON AFTER BOAT DECK.	460	460	

EFFICIENTLY SUPPORTED

Esso Liverpool

Particulars of Gangway Cargo and Coaling Ports :-

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :-

- 2 PIPE SCUPPERS FROM FOCLE DECK DISCHARGE ON TO UPPER DECK
- 6 PIPE SCUPPERS FROM BRIDGE DECK DISCHARGE ON TO UPPER DECK
- 8 PIPE SCUPPERS FROM POOP DECK DISCHARGE ON TO UPPER DECK
- 11 PIPE SCUPPERS FROM UPPER DECK ARE LED OVERBOARD THROUGH CARGO TANKS BY MEANS OF FREE STEEL PIPES OF SUBSTANTIAL THICKNESS.
- SCUPPERS FROM HOUSES UNDER FOCLE DISCHARGE TO DRAIN HATS ON SECOND DECK AND ARE PUMPED OVERBOARD BY BILGE PUMP IN FORWARD PUMP ROOM.
- BRIDGE SPACE DRAINED BY FLAP VALVES ON END BULKHEADS.
- SCUPPERS FROM CASING TOP AND SWIMMING POOL DISCHARGE OVERBOARD.
- SANITARY DISCHARGES FROM BRIDGE ACCOMMODATION DISCHARGE OVERBOARD BY MEANS OF STEEL PIPE OF SUBSTANTIAL THICKNESS THROUGH CARGO TANKS; ONE NON-RETURN VALVE AND 1 GATE VALVE, CONTROLLED IN PLACE, BOTH FITTED ABOVE FREEBOARD DECK.
- SANITARY DISCHARGES FROM ACCOMMODATION IN AND ABOVE POOP DISCHARGE OVERBOARD BELOW FREEBOARD DECK WITH S.D.N.R. VALVES AT SHIP'S SIDES, CONTROLLED IN PLACE.
- SCUPPERS FROM ACCOMMODATION INSIDE POOP CONNECTED TO SANITARY DISCHARGE COLLECTOR.

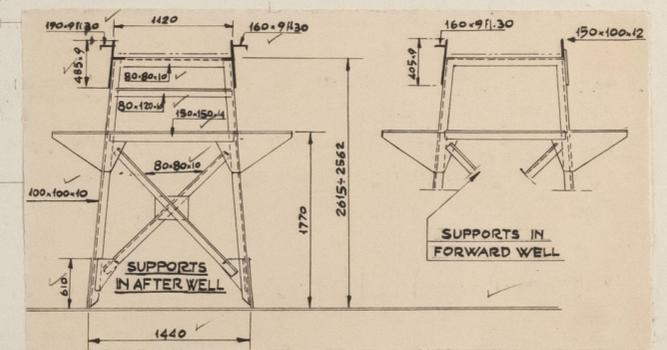
Particulars of Side Scuttles and Deadlights :-

- IN POOP SIDE SHELL (P & S), 340 & 450 MM. DIA., OPENING TYPE, OF STRONG CONSTRUCTION, FRAMES OF STEEL WELDED TO SHELL, GLASS HOLDERS OF BRASS, 3 SWING BOLTS.
- HINGED DEADLIGHT OF CAST ALUMINIUM ALLOY WITH RE-INFORCING RIBS, 2 SWING BOLTS.
- IN POOP FRONT BULKHEAD, 425 MM. DIA., NON-OPENING TYPE, OF STRONG CONSTRUCTION, FRAMES OF STEEL WELDED TO BULKHEAD, GLASS HOLDER OF BRASS, HINGED DEADLIGHT OF CAST ALUMINIUM ALLOY WITH RE-INFORCING RIBS, 3 SWING BOLTS.

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 :-

- ON FOCLE DECK 3 RAILS HEIGHT 1100
 - ON UPPER DECK 3 RAILS HEIGHT 1100
 - ON POOP DECK 3 RAILS HEIGHT 1100
 - ON GANGWAY 3 RAILS HEIGHT 1100
- STANCHIONS SPACED MAX. 1300



Particulars of Gangways, Lifelines, etc. :-

- GANGWAY FROM FOCLE TO B RIDGE AND FROM BRIDGE TO POOP
- SUPPORTS AS PER ATTACHED SKETCHES
- F. & A. BRACING L 80 X 80 X 10 DIAG. FITTED AT EVERY 4TH BAY.
- GANGWAY PROVIDED WITH NON-SLIP WALKING SURFACE.

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.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS. DIMENSIONS IN MILLIMETRE										
Description of Hatchway	ON UPPER DECK					ON FOCLE			2 OFF TO DRY CARGO SPACE	
	30 OFF TO CARGOTANKS	3 OFF TO NO. 5 WB. TANKS	2 OFF TO O.F. BUNKERS AFT	2 OFF TO O.F. BUNKERS FWD.	4 OFF TO COFFERDAMS	INSIDE FOCLE TO BOSUNS STORE	INSIDE FOCLE TO DRY CARGO SPACE	INSIDE POOP TO STEER. GEAR SPACE		
Dimensions of Hatchway	1220 DIA.	1220 DIA.	780 DIA.	610	610 DIA.	930X930	1860X1860	1150X1240	930X930	
COAMINGS	Height above Deck	760	760	620	620	620	200	460	760	
	Thickness	14	14	14	10	10	11	11	10	
	Stiffeners	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
	Brackets, Stays	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	
HATCH BEAMS	Number									
	Spacing									
FORE AND AFTERS	Number									
	Spacing									
	Unsupported Lengths									
	Scantling* and Sketch									
HATCH COVERS	Material	STEEL HINGED O.T. COVERS					STEEL HINGED COVER	STEEL HINGED W.T. COVERS		
	Thickness	12.5	12.5	13.5	13.5	13.5	9	9	9	9
HATCH COVERS	How fitted	EFFICIENTLY SECURED WITH STRONG BACK & TOGGLE					SECURED WITH 1 PADLOCK	SECURED WITH 12 CLIPS 610 APART WITH 1 SLIDING BAR		
	Bearing Surface	EFFICIENTLY SECURED WITH 4 TOGGLES					WITH 1. ATH-WART & 2 F. & A. FLAT BARS 150X10	SECURED WITH 6 CLIPS 610 APART STIFFENED WITH 2 DIAG. FLAT BARS 100 X 6.		
Spacing of Cleats										
Number of Tarpaulins										

*Are wood fore and afters steel shod at all bearing surfaces? BUTTERWORTH OPENINGS TO CARGO TANKS AND OIL FUEL BUNKERS ON UPPER DECK 317 DIA. CLOSED WITH BRASS COVERS 20 THICK AND 10 STUDS 22 DIA. WITH PACKING.

PROTECTED BY WATER TIGHT BULKHEAD FITTED WITH HINGED STEEL WATER TIGHT DOOR, OPERATED BOTH SIDES, SILL 460.

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

- ON FOCLE DECK 2 HATCHES TO O.F. BUNKERS 610 DIA. X 800 HIGH X 10 THICK
- ON POOP DECK 2 HATCHES TO O.F. BUNKERS 610 DIA. X 550 HIGH X 10 THICK HATCHES FITTED WITH STEEL HINGED O.T. COVERS, 13.5 THICK SECURED WITH 4 TOGGLES
- ON BOAT DECK AFT 1 HATCH TO PROVISION ROOM ON UPPER DECK 1830 X 1830, COAMING 220 X 11 FITTED WITH STEEL W.T. COVER SECURED WITH 12 TOGGLES.
- ON FIDDLEY TOP 1 HATCH TO EMERGENCY GENERATOR ROOM 1460 X 1260, COAMING 80 X 7, FITTED WITH STEEL WATER TIGHT COVER SECURED WITH 4 SWING NUTS.
- SKYLIGHTS TO MAIN PUMP ROOM 2 OFF 2400 X 1320, 610 HIGH, STEEL HINGED FLAPS EFFICIENTLY SECURED.
- SKYLIGHTS TO CABINETS IN FORWARD PART OF POOP, FITTED ON POOP DECK, 4 OFF 360 X 750, 610/520 HIGH, STEEL HINGED FLAPS EFFICIENTLY SECURED.
- SKYLIGHT TO MESSROOM ON POOP DECK, FITTED ON BOAT DECK STBD. SIDE AFT., 1250 X 1830, 460 HIGH, STEEL HINGED FLAPS EFFICIENTLY SECURED
- RUBBISH SHOOT, OF STEEL PIPE OF SUBSTANTIAL THICKNESS, FROM GALLEY IN DECKHOUSE ABOVE POOP, LED OVERBOARD FREE BELOW FREEBOARD DECK, STEEL W.T. COVER, SECURED WITH STRONG BACK, FITTED TO OPENING INSIDE GALLEY.