

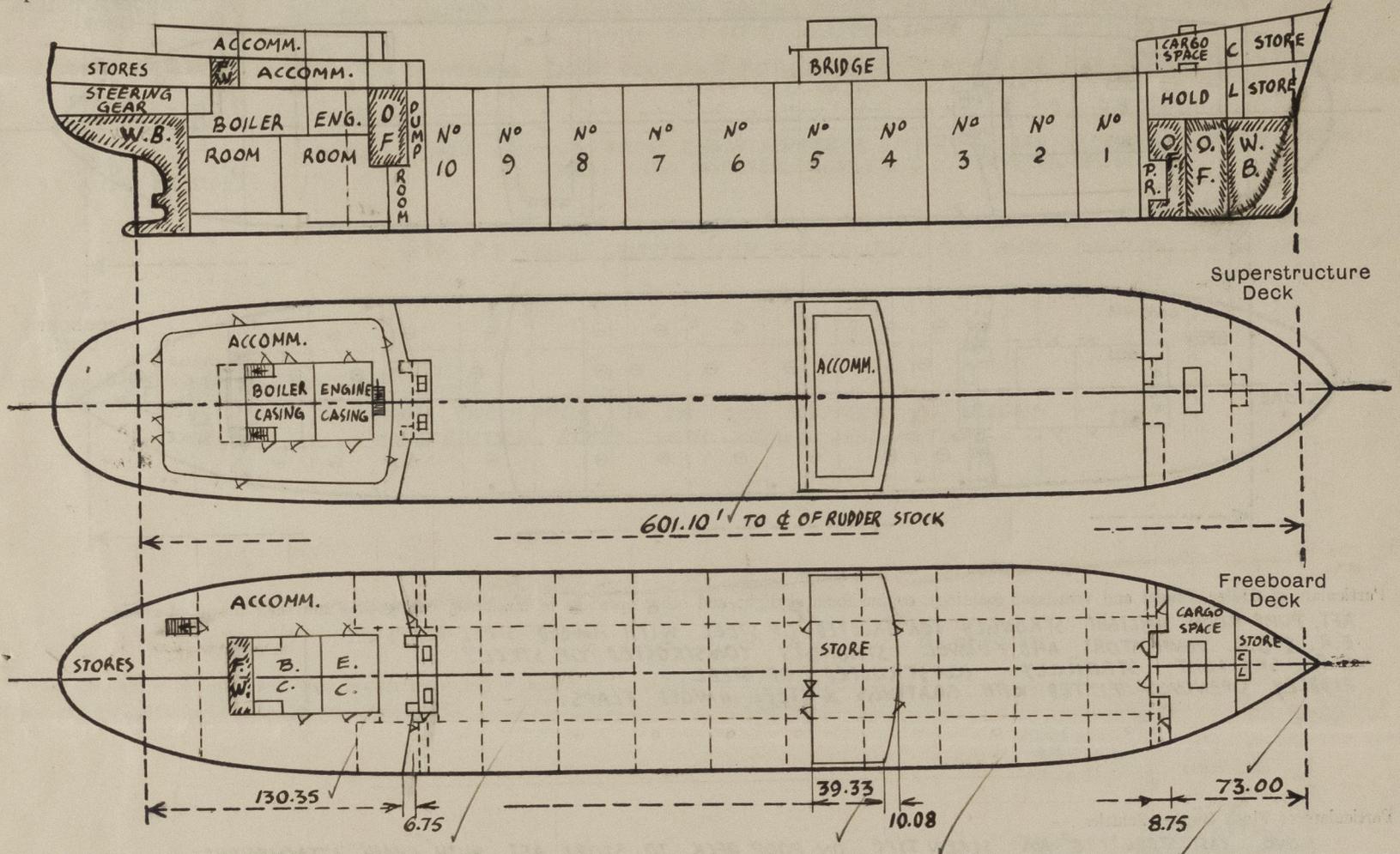
# LLOYD'S REGISTER OF SHIPPING

Index No. ....  
(For London Office only.)

## SURVEYS FOR FREEBOARD (CONDITIONS OF ASSIGNMENT)

Ship's Name "KUWAIT" Port of Survey NAPLES  
 Official Number 1539 Surveyor's Signature M. V. Pollio  
 Nationality and Port of Registry LIBERIAN - MONROVIA Date of Survey 2nd November 1963

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.

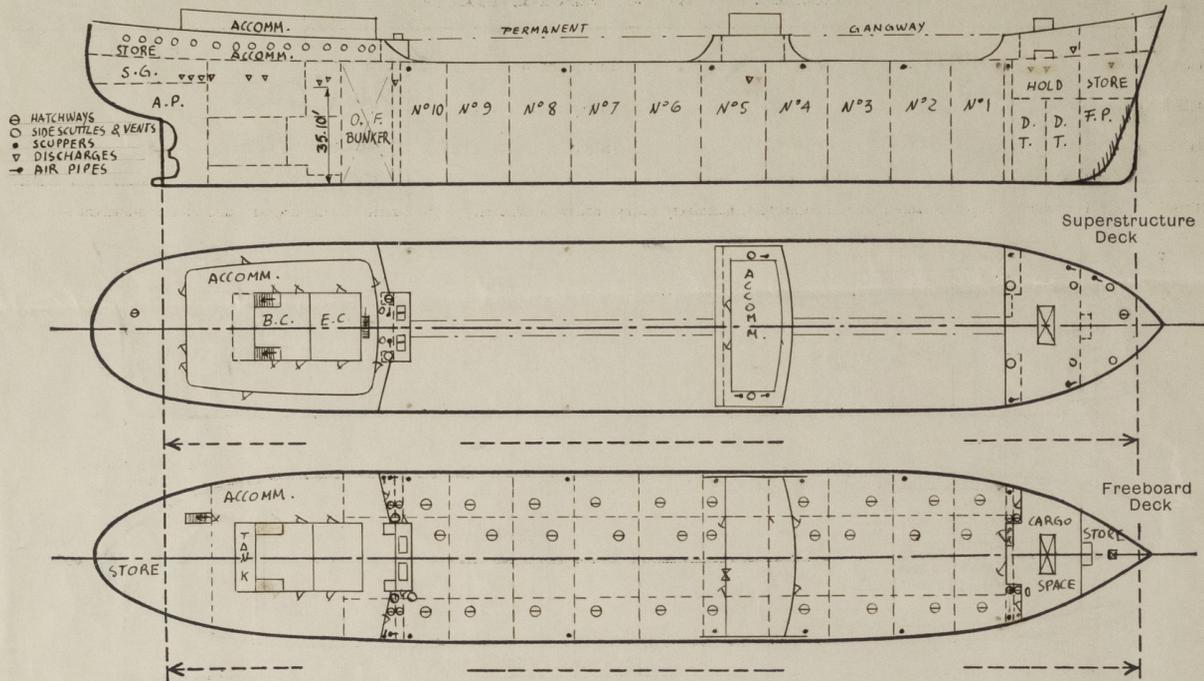
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Poop Bulkhead	.44"	.44"	10" x .50" PLATE FLANGED 4 1/2"	2'-3 3/4"	WELDED TOP & BOTTOM	2@5'-0" x 2'-4"	18"	8'-5 3/8"
Raised Quarter Deck Bulkhead	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead	.30"	.30"	4" x 3" x .31" TOE WELDED	2'-8"	SNIPED TOP & BOTTOM	2@5'-0" x 2'-2" 1@5'-2" x 4'-2"	18" 19"	8'-6"
Bridge, Forward Bulkhead	.46"	.46"	11" x .50" PLATE FLANGED 4 1/2"	2'-8"	WELDED TOP & BOTTOM	2@5'-0" x 2'-4"	18"	8'-6"
Forecastle Bulkhead	.30"	.30"	4" x 3" x .31" TOE WELDED	2'-7 3/4"	SNIPED TOP & BOTTOM	2@5'-0" x 2'-4" 2@5'-0" x 2'-2"	15" 24"	8'-6"
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	✓	✓	✓	✓	✓	✓	✓	✓
<b>AFTER</b> Deckhouses and Pump Room Entrances	.44"	.44"	10" x .50" PLATE FLANGED 4 1/2"	2'-4 1/2"	WELDED TOP & BOTTOM	2@5'-0" x 2'-4"	18"	8'-5 3/8"

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

Poop Bulkhead	HINGED STEEL W.T. DOORS WITH N° 6 TOGLES, OPERATED FROM BOTH SIDES ✓
Raised Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	HINGED STEEL W.T. DOORS WITH N° 6 TOGLES, OPERATED FROM BOTH SIDES ✓ PORTABLE STEEL PLATE SECURED BY HOOK BOLTS SPACED 15" APART
Bridge, Forward Bulkhead	HINGED STEEL W.T. DOORS WITH N° 6 TOGLES, OPERATED FROM BOTH SIDES ✓
Forecastle Bulkhead	HINGED STEEL W.T. DOORS WITH N° 6 TOGLES, OPERATED FROM BOTH SIDES ✓
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	✓
<b>AFTER</b> Deckhouses and Pump Room Entrances	HINGED STEEL W.T. DOORS WITH N° 6 TOGLES, 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, side scuttles, scuppers, 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 :-

- AFT. PUMP ROOM SKYLIGHT STRONGLY CONSTRUCTED OF STEEL WITH HINGED STEEL FLAPS.
- E.R. & B.R. VENTILATORS AND FUNNEL STRONGLY CONSTRUCTED OF STEEL.
- E.R. SKYLIGHT STRONGLY CONSTRUCTED OF STEEL.
- FIDDLE OPENINGS FITTED WITH GRATINGS & STEEL HINGED FLAPS.

Particulars of Flush Bunker Scuttles :-

- ONE CAST STEEL 18" DIA SCREW TYPE ON POOP DECK TO STORE AFT. WITH CHAIN ATTACHEMENT

Particulars of Companionways :-

- (including those incorporated in deckhouses and masthouses)
- ENTRANCE DOWN TO SPACES BELOW POOP DECK BY N°7 W/T STEEL DOORS IN SIDES AND ENDS OF STEEL SUPERSTRUCTURE ON POOP DECK; N°6 DOORS 5'-0" x 2'-2", SILL 15", WITH N°6 TOGLES AND N°1 DOOR 5'-6" x 2'-2", SILL 15", WITH N°4 TOGLES; ALL MANIPULATED BOTH SIDES
- ENTRANCE DOWN TO STEERING GEAR BY STEEL DOOR 5'-6" x 2'-4", SILL 15" IN STEEL STRONG TRUNKWAY INSIDE POOP.
- ENTRANCE DOWN TO E.R. & B.R. BY N°4 STEEL DOORS 5'-6" x 2'-4", SILL 15" IN STEEL STRONG CASING INSIDE POOP
- ENTRANCE DOWN TO FWD PUMP ROOM BY STEEL W/T DOOR IN STEEL STRONG TRUNKWAY AT FO'LE BULKHEAD; DOOR 5'-0" x 2'-2", SILL 24", WITH N°6 TOGLES OPERATED FROM BOTH SIDES

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

Deck	Quantity	Type	Coaming	Dimensions	Notes
FREEBOARD DECK	2 - DERRICK POSTS	26" DIA	COAMING	.75" x 46'-2"	ALL FITTED WITH STRONGLY CONSTRUCTED STEEL TOPS & CANVAS COVERS
	1 - VENTILATOR	24" "	"	.38" x 15'-8"	
	2 - " "	24" "	"	.38" x 36'-0"	
FORECASTLE DECK	2 - VENTILATORS	12" DIA	COAMING	.38" x 3'-0"	ALL FITTED WITH STEEL HINGED COVERS
	2 - " "	16" "	"	.38" x 3'-0"	
	2 - " "	24" "	"	.38" x 3'-0"	
BRIDGE DECK	2 - VENTILATORS	12" DIA	COAMING	.38" x 2'-6"	ONE FITTED WITH MUSHROOM TOP; OTHER FITTED WITH WOOD PLUG & CANVAS COVER
POOP DECK	2 - VENTILATORS	6" DIA	COAMING	.38" x 3'-0"	

NB. ALL VENTILATORS ABOVE 3'-0" IN HEIGHT EFFICIENTLY STAYED

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

Deck	Quantity	Diameter	Height from Deck	Notes
FREEBOARD DECK	2 - AIR PIPES	3" DIA	3'-0" HIGH FROM DECK	AIR PIPES TO O.F. TANKS FITTED WITH N.R. BALL VALVE AND WIRE GAUZE ALL OTHERS FITTED WITH WOOD PLUGS
	4 - " "	3" "	3'-6" " " "	
	2 - " "	6" "	12'-0" " " "	
FORECASTLE DECK	3 - AIR PIPES	3" DIA	3'-0" HIGH FROM DECK	
1 - " "	6" "	3'-0" " " "		
BRIDGE DECK	2 - AIR PIPES	3" DIA	2'-0" HIGH FROM DECK	
1 - " "	4" "	2'-0" " " "		
POOP DECK	2 - AIR PIPES	6" DIA	4'-0" HIGH FROM DECK	

Particulars of Gangway Cargo and Coaling Ports :-

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :-

- N° 12 (6 PORT & 6 STBD.) 4 3/4" DIA SCUPPER PIPES, LED OVERBOARD THROUGH STRINGER & SHEERSTAKE
  - N° 6 (3 PORT & 3 STBD.) 1 1/2" DIA SCUPPER PIPES, LED OVERBOARD THROUGH POOP DECK & SHELL
  - N° 3 (1 PORT & 2 STBD.) 6" DIA } SANITARY DISCHARGES FROM POOP SPACES LED OVERBOARD THROUGH SHELL WITH CAST STEEL S.D.N.R VALVE (ACCESSIBLE)
  - N° 8 (4 PORT & 4 STBD.) 5" " }
  - N° 4 (2 PORT & 2 STBD.) 4" " }
  - N° 2 (1 PORT & 1 STBD.) 3 1/2" DIA } SANITARY DISCHARGES FROM BRIDGE SPACES LED OVERBOARD THROUGH SHELL WITH CAST STEEL CLAPPER VALVE (NOT ACCESSIBLE)
  - N° 7 (4 PORT & 3 STBD.) 2 1/2" DIA } SCUPPERS FROM POOP AND FORECASTLE SPACES LED OVERBOARD THROUGH SHELL WITH BRASS S.C. VALVE (ACCESSIBLE)
  - N° 3 (2 PORT & 1 STBD.) 2" " }
  - N° 6 (3 PORT & 3 STBD.) 1/2" DIA }
  - N° 1 (PORT) 2" DIA } STEAM EJECTORS FROM CHAIN LOCKER & STEERING GEAR LED OVERBOARD THROUGH SHELL WITH CAST STEEL GLOBE & S.C. VALVE (ACCESSIBLE)
  - N° 3 (1 PORT & 2 STBD.) 1" " }
- DRAIN SCUPPERS FROM LOWER STORE AND CARGO HOLD FWD. DISCHARGING INTO P.R. BILGE, FITTED WITH FORGED STEEL S.C. VALVE OPERATED FROM DECK.

Particulars of Side Scuttles and Deadlights :-

- POOP TWEEN DECK, 16" DIA SIDE SCUTTLES OF STRONG CONSTRUCTION FITTED WITH HINGED DEADLIGHTS

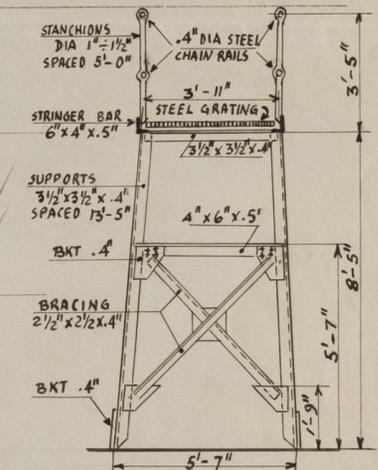
Vertical distance of Sill of lowest Side Scuttle above top of keel 47.90'  
Distance from amidships to centre of lowest Side Scuttle 175.25'

Particulars of Guard Rails and Bulwarks :-

- FREEBOARD DECK - OPEN RAIL 3'-6" HIGH, 2 TIER .45" DIA CHAIN RAILS, WITH STANCHIONS SPACED APPROX. 5'-0" APART.
- FO'LE & POOP DECKS - OPEN RAIL 3'-6" HIGH, 2 RAILS WITH STANCHIONS SPACED 5'-0". STEEL BULWARK AT FWD. END & AT SIDES, OPEN RAIL AT AFTER END; ALL 3'-6" HIGH

Particulars of Gangways, Lifelines, etc. :-

- PERMANENT GANGWAY FITTED FORE AND AFT. BETWEEN AFTER ACCOMMODATIONS AND BRIDGE AND BRIDGE AND FORECASTLE



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 :- ✓, 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.

		FREEBOARD DECK					FOC'L'E DECK		POOP DECK	
Description of Hatchway		MAIN CARGO 30 OFF	O.F. BUNKERS & D.T. FWD. 4 OFF	COFFERDAMS 4 OFF	HATCH TO HOLD FWD. 10'-0" x 20'-0"	ACCESS HATCH TO HOLD FWD. 22 1/2" x 15" OVAL	HATCH TO STORE FWD. 48" x 48"	HATCH TO CARGO SPACE 10'-0" x 20'-0"	HATCH TO STORE FWD. 31" DIA	HATCH TO SETTLING TANKS 31" DIA
Dimensions of Hatchway		48" DIA	31" DIA	23 1/2" DIA	10'-0" x 20'-0"	22 1/2" x 15" OVAL	48" x 48"	10'-0" x 20'-0"	31" DIA	31" DIA
COAMINGS	Height above Deck	30"	30"	23 1/2"	9"	6"	9"	24"	30"	30"
	Thickness	.56"	.56"	.56"	.44"	.50"	.38"	.50"	.44"	.56"
	Stiffeners	✓	✓	✓	3 1/2" x 3 1/2" x 39 L & 3" ⚡	✓	✓	7" x 4" x 44" L HORIZONTAL BKTS. 35" FL 3"	✓	✓
	Brackets, Stays	✓	✓	✓		✓	✓		✓	✓
HATCH BEAMS	Number									
	Spacing									
FORE AND AFTERS	Number									
	Spacing									
HATCH COVERS	Material	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
	Thickness	.50"	.50"	.50"	#14 U.S.S.G.	.85"	.32"	.32"	.50"	.50"
HATCH COVERS	How fitted	HINGED O.T.	HINGED O.T.	HINGED O.T.	FORE & AFT.	HINGED W.T.	HINGED W.T.	BY	HINGED W.T.	HINGED O.T.
	Bearing Surface	COVER	COVER	COVER	2 1/2"	COVER	COVER	NO 34	COVER	COVER
Spacing of Cleats		SECURED BY STRONG BACK	SECURED BY STRONG BACK	SECURED BY NO 5 TOGLES	24"	SECURED BY NO 5 TOGLES	SECURED BY NO 8 TOGLES	TOGLES	SECURED BY NO 5 TOGGLE	SECURED BY STRONG BACK
Number of Tarpaulins		2	2	2	2	2	2	2	2	2

- \*Are wood fore and afters steel shod at all bearing surfaces? ✓
- 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
- Are wood covers fitted with galvanised end bands? ✓

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



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