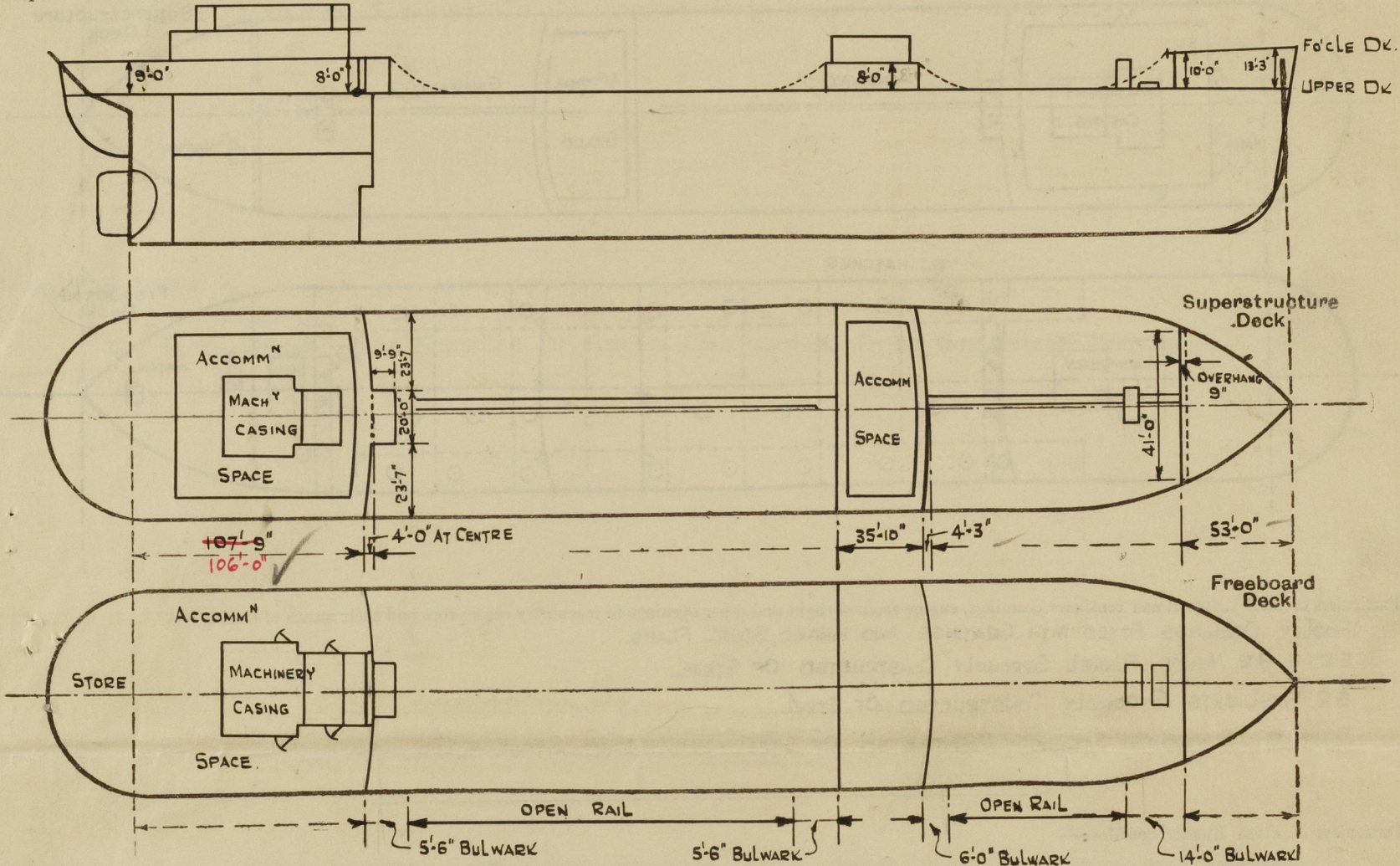


Lloyd's Register of Shipping.
SURVEYS FOR FREEBOARD.
(CONDITIONS OF ASSIGNMENT.)

Ship's Name **S.S. "Esso London"**
Official Number **181582**
Nationality and Port of Registry **BRITISH. LONDON.**

Port of Survey **SOUTHAMPTON.**
Surveyor's Signature *Chas. Sturt*
Date of Survey **19/24 FEB. 1947.**

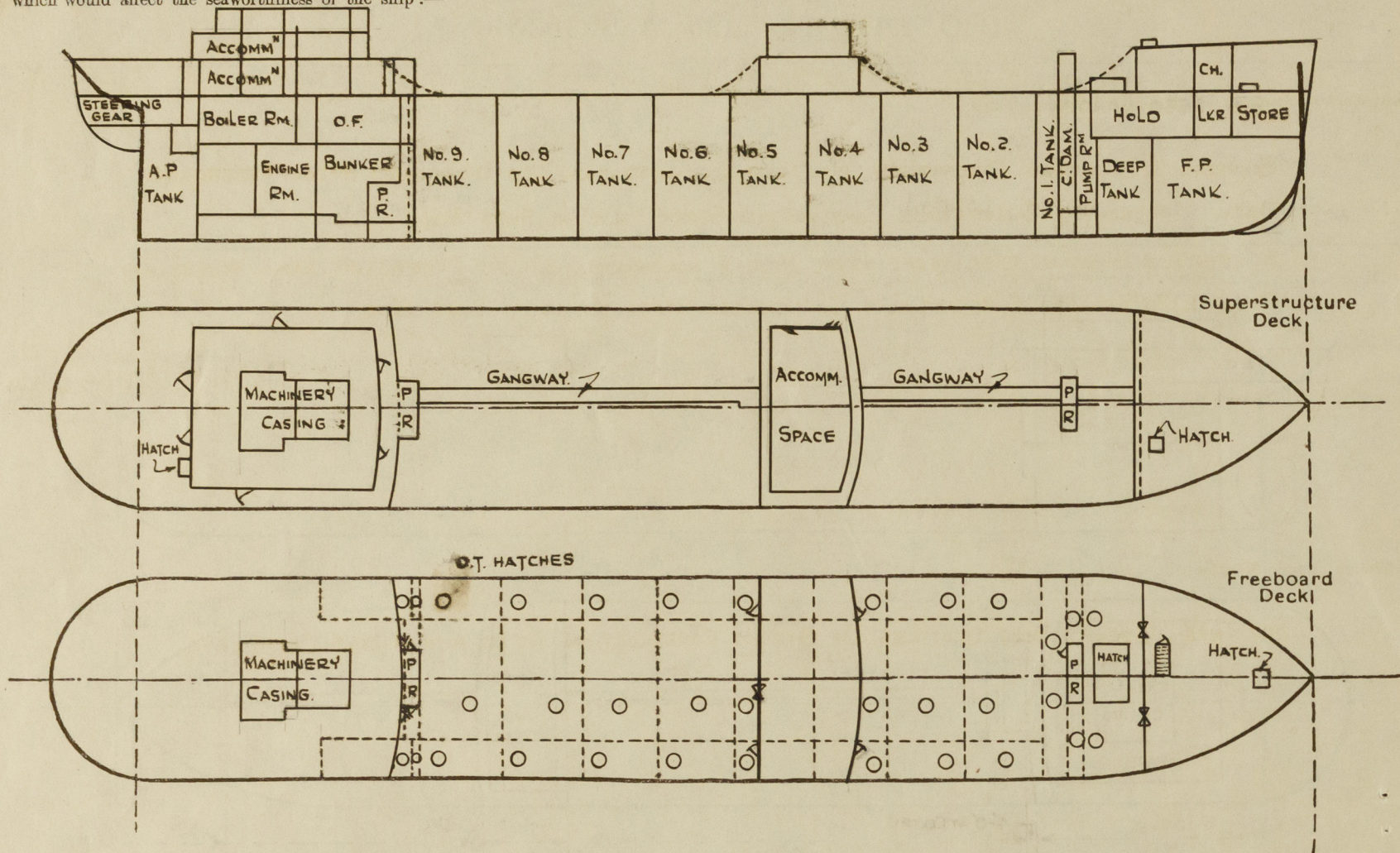
Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement:—



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 ... ..	.47"	.47"	FLANGED PLATE 9"x4"x.45"	30"	WELDED TOP & BOTTOM.	4'-11 1/2" x 2'-4"	18"	8'-0"
Raised Quarter Deck Bulkhead ...	—	—	—	—	—	—	—	—
Bridge, After Bulkhead ... ..	.375"	.375"	4"x3"x.32" O.A. TOE WELDED	2'-6" & 3'-4"	WELDED TO UPPER Dk & BR. Dk. LONG ^S .	5'-0" x 2'-4" 5'-1 1/4" x 4'-1 1/2"	18"	8'-0"
Bridge, Forward Bulkhead ... ..	.46"	.46"	9"x.44" PLATE FLANGED 4"	2'-6"	~ Do ~	5'-0" x 2'-4"	18"	8'-0"
Forecastle Bulkhead ... ..	.34"	.34"	7"x4"x.45" TOE 3 1/2"x3"x.40" WELDED	1'-6" 2'-6"	BKT. AT TOP & WELDED TO UPPER Dk. BKT. AT TOP.	5'-0" x 3'-0" 6'-0" x 4'-2"	18"	10'-0"
Trunk, Aft	—	—	—	—	—	—	—	—
Trunk, Forward PUMP RM. ENTRANCE AFT.	.47"	.47"	9"x.44" PLATE FLANGED 4"	2'-6"	WELDED TOP & BOTTOM.	5'-0" x 2'-2"	18"	7'-10"
Exposed Machinery Casings on Free- board or Raised Quarter Decks FOR	—	—	5"x3 1/2"x.32" F. TOE 3 1/2"x2 1/2"x.32" A. WELDED.	2'-4" & 2'-9" 2'-4"	WELDED TO PUMP RM. TOP.	5'-0" x 2'-2"	18"	8'-0"
Exposed Machinery Casings on Super- structure Decks ... ..	.40"	.40"	3 1/2"x2 1/2"x.30. TOE WELDED	2'-4"	CONTINUOUS BKTS. AT TOP.	—	—	8'-6"
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances	—	—	—	—	—	—	—	—
Deckhouses on Flush Deck Ships ...	—	—	—	—	—	—	—	—
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead	HINGED STEEL W.T. DOORS MANIPULATED BOTH SIDES.							
Raised Quarter Deck Bulkhead ...	HINGED STEEL W.T. DOORS MANIPULATED BOTH SIDES. <i>portable steel plate with hook bolts.</i>							
Bridge, After Bulkhead	PORTABLE STEEL PLATE (SLIDING) SECURED BY HOOK BOLTS.							
Bridge, Forward Bulkhead	HINGED STEEL W.T. DOORS MANIPULATED BOTH SIDES.							
Forecastle Bulkhead	PORTABLE STEEL PLATES SECURED BY HOOK BOLTS.							
Exposed Machinery Casings on Free- board or Raised Quarter Decks ...	PUMP ROOMS. HINGED STEEL W.T. DOORS MANIPULATED BOTH SIDES.							
Exposed Machinery Casings on Super- structure Decks	NONE. <i>ho openings.</i>							
Machinery Casings within Superstruc- tures not fitted with Class I Closing Appliances	NONE. <i>ho openings.</i>							
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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing :—

FIDDLEY OPENINGS FITTED WITH GRATINGS AND HINGED STEEL FLAPS.

E.R. & B.R. VENTS, FUNNEL STRONGLY CONSTRUCTED OF STEEL.

FR. SKYLIGHTS STRONGLY CONSTRUCTED OF STEEL

PUMP RM. SKYLIGHTS STRONGLY CONSTRUCTED OF STEEL WITH HINGED STEEL FLAPS.

Particulars of Flush Bunker Scuttles:—

Particulars of Companionways:— POOP DECKHOUSE. PLATING STEEL. OPENINGS IN SIDES & ENDS 5'-0" x 2'-4", 15" SILL, CLOSED BY HINGED STEEL W.T. DOORS MANIPULATED BOTH SIDES. ✓

PUMP ROOMS. HINGED STEEL W.T. DOORS MANIPULATED BOTH SIDES. OPENINGS 5'-0" x 2'-2"; 18" COAMING. ✓

FO'LE TWEEN DECK. STEEL COMPANION TO CARGO HOLD, OPENING 5'-6" x 2'-4". 9" SILL, CLOSED BY HINGED STEEL RUBBER JOINTED DOOR MANIPULATED BOTH SIDES.

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

UPPER DECK AFT.	3	AT 24" DIA.	COAMINGS	28'-6" E 34'+3" x .80" E .50".
" " FOR ^D .	2	AT 17" "	"	12' 7½" x .36" TO FORE HOLD CLOSED BY HINGED STEEL FLAPS & WING NUTS; SUITABLY STAYED.
	2	AT 14" "	"	36" x .36" " FOR ^D PUMP RM. ON PUMP RM. TOP. CLOSED BY HINGED STEEL FLAPS & WING NUTS.
POOP DECK.	1	AT 18" "	"	5'-0" x .40" " STEERING GEAR SPACE. FITTED WITH FRENCH TOP.
	1	AT 11" "	G.N. HEIGHT	3'-10" x .40" " ROPE STORE CLOSED BY HINGED STEEL FLAP & WING NUTS.
	1	AT 13½"x8"	G.N. "	23" x .40" " POOP ACCOMMODATION SPACE, CLOSED BY HINGED STEEL FLAP & WING NUTS.
BRIDGE DECK.	4	AT 12" DIA.	COAMINGS	36" x .38" " BRIDGE TWEEN DECK. " " " " " " " "
Fo'CLE DECK.	1	AT 12" DIA.	"	34" x .40" " Fo'CLE STORE WITH MUSHROOM TOP.
	1	AT 12" "	"	59" x .35" " Fo'CLE TWEEN DK. CLOSED BY HINGED STEEL FLAP & WING NUTS.
	1	AT 12" DIA.	"	42" x .35" " " " " " " " " " LED THROUGH

beams exceeding 36" in height
suitably stayed.

FO'CLE FRONT BULKHEAD (HEIGHT ABOVE FO'CLE DECK)

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

ALL AIR PIPES OF EFFICIENT CONSTRUCTION AND HEIGHTS AND SCANTLINGS IN ACCORDANCE WITH OR EQUIVALENT TO RULE REQUIREMENTS, AND GAUZE FITTED IN WAY OF OIL COMPT^S

Particulars of Gangway Cargo and Coaling Ports:—

NONE.

Particulars of Scuppers and Sanitary Discharge Pipes :—

SCUPPERS & SANITARY DISCHARGES FROM POOP ACCOMMODATION LED OVERBOARD BELOW FREEBOARD DECK & FITTED WITH SUBSTANTIALLY CONSTRUCTED STORM VALVE AT SHIP'S SIDE. ✓

SCUPPERS & SANITARY DISCHARGES FROM MIDSHIP ACCOMMODATION LED OVERBOARD ABOVE FREEBOARD DECK & FITTED WITH SUBSTANTIALLY CONSTRUCTED STORM VALVES AT SHIP'S SIDE. ✓

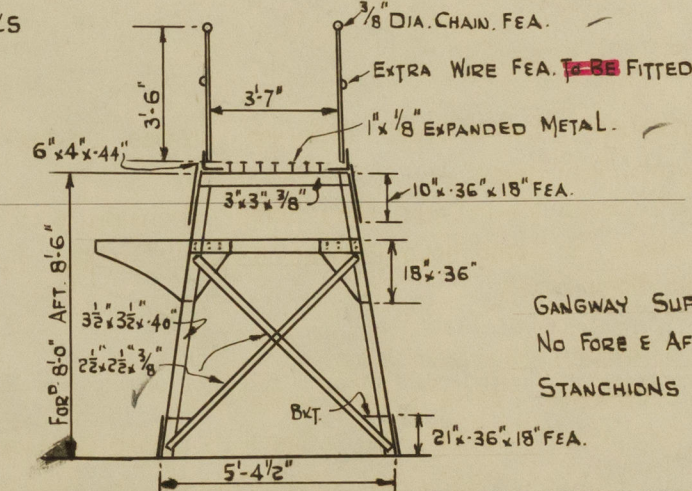
Particulars of Side Scuttles:—

POOP TWEEN DECKS. SIDE SCUTTLES OF STRONG CONSTRUCTION FITTED WITH HINGED DEADLIGHTS.

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

Particulars of Guard Rails:— RAILS ON UPPER DECK, POOP, BRIDGE & FO'CLE DECKS, 3'-6" HIGH, 2 RAILS WITH STANCHIONS SPACED 5'-0" TO 5'-6" BRIDGE DE. BULWARKS PORT, STARBOARD & FORE END 3'-5" HIGH EFFICIENTLY SUPPORTED.

3'-6"
3'-7"
3/8" DIA. CHAIN, FEA.
EXTRA WIRE FEA. ~~FEA.~~ FITTED.
1 1/8" EXPANDED METAL.



Particulars of Gangways, Lifelines, etc. :—

GANGWAY SUPPORTS SPACED 11'-2" - 13'-7" AFT. E 9'-4" - 12'-2" FWD.
NO FORE & AFT TIES.
STANCHIONS FOR CHAIN SPACED 10'-0" APART.

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	TOTAL 11'-0" SEE ELEVATION.	3'-6"	NONE	—	—	—
Forward Well	TOTAL 20'-0" SEE ELEVATION.	3'-6"	NONE	—	—	—

State position of each freeing port	{ After Well :— Forward Well :—
(F. and A. position and height above deck edge)		

¹ 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.									
UPPER DECK									
Description of Hatchway	FOR ^o HATCH ON UPPER DK.	26. O.T. MAIN CARGO	2. O.T. O.F. BUNKER	6. O.T. C'DAM. & D.T. FOR	STORE HATCH FORE T. DK.	STORE HATCH POOP DECK.	STORE HATCH FORE DECK.		
Dimensions of Hatchway	5'3" x 11'3"	47 1/2" DIA.	31" DIA.	25" DIA.	32 1/2" x 33 1/2"	4'0" x 4'0"	24" x 24"		
COAMINGS	Height above Deck	30"	31"	31 1/2"	22 1/2"	30"	26"	30"	
	Thickness	42"	50"	56"	45"	34"	35"	44"	
	Sides								
	Ends								
	Stiffeners	2 PER SIDE			3 1/2" x 50" HORIZ. FLAT BAR 6"				
	Brackets, Stays	3 PER END			BELOW TOP				
HATCH BEAMS	Number								
	Spacing								
	Scantling and Sketch								
	Bearing Surface								
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
	Bearing Surface		ULLAGE DOORS 10" DIA. ON MAIN COVER. HINGED OF STRONG CONSTRUCTION SECURED BY STRONGBACK.	ULLAGE DOORS 10" DIA. ON MAIN COVER. HINGED OF STRONG CONSTRUCTION SECURED BY STRONGBACK.					
HATCH COVERS	Material	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL	
	Thickness	38" WITH	50"	50"	50"	40"	35"	46"	
	How fitted	STIFFENERS	HINGED WITH STRONGBACK	HINGED WITH STRONGBACK	HINGED	HINGED FEA	HINGED FEA	HINGED FEA	
	Bearing Surface	HINGED FEA.							
Spacing of Cleats	TOGGLES	1 AT 1 3/8" DIA	1 AT 1 3/8" DIA	TOGGLES SP.	TOGGLES SP.	TOGGLES SP.	TOGGLES SP.		
Number of Tarpaulins	SP. 21 1/2"	SECURING BOLT.	SECURING BOLT.	17 1/2" APART.	16" x 24"	24"	16"		

*Are wood fore and afters steel shod at all bearing surfaces?
 Are battens and wedges efficient and in good condition?
 Are tarpaulins in good condition and in accordance with rule requirements?
 Are lashings provided in accordance with rule requirements?

Particulars of any special features:—

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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