

MAR 31 1938

# Lloyd's Register of Shipping.

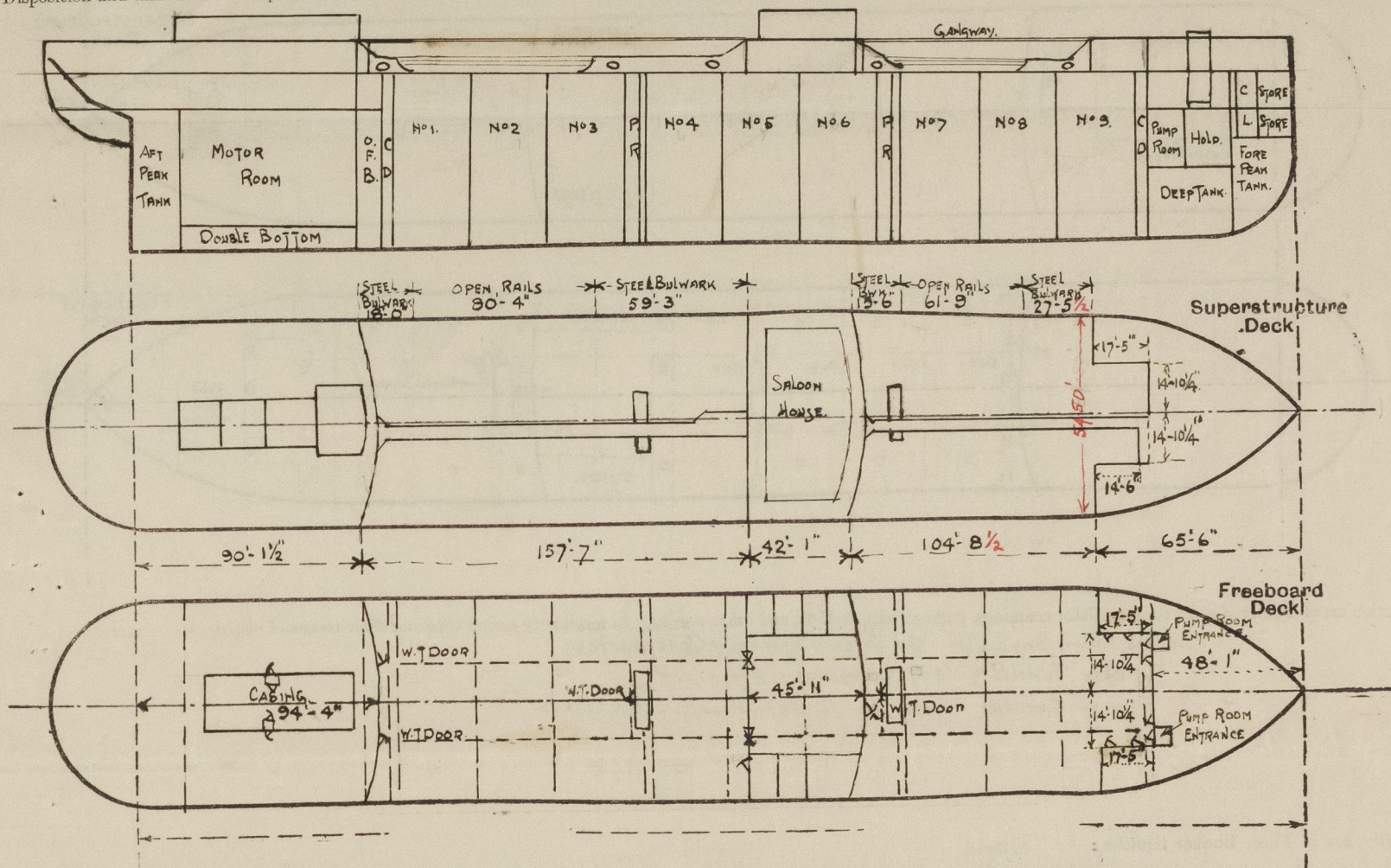
## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

GREENOCK REPORT N° 20542.

Ship's Name **"DAVILA"** Port of Survey **GREENOCK**  
 Official Number **✓ 166464** Surveyor's Signature **Kenneth Inglis.**  
 Nationality and Port of Registry **BRITISH. LONDON.** Date of Survey **WHILE BUILDING.**

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 ...	44 ✓	44 ✓	10 x 3 1/2 x 44 BA 7 x 3 1/2 x 46 BA WITH 6 x 3 1/2 x 46 R. BAR	30" ✓	BRACKETS TOP LUGS BOTTOM.	5'-0" x 2'-0" ✓	18" ✓	7'-6" ✓
<del>Raised Quarter Deck Bulkhead</del> ...						2 @ 5'-0" x 3'-0" 1 @ 4'-6" x 2'-3"	18" ✓	7'-6" ✓
Bridge, After Bulkhead ...	30 ✓	30 ✓	4 1/2 x 3 x 34 ✓	30" ✓	✓	4'-6" x 2'-0" ✓	18" ✓	7'-6" ✓
Bridge, Forward Bulkhead ...	44 ✓	44 ✓	9 x 3 1/2 x 40 BA ✓	30" ✓	BRACKETS TOP AND BOTTOM.	2 @ 4'-6" x 2'-0" 6 @ 5'-0" x 2'-0"	18" ✓	7'-6" ✓
Forecastle Bulkhead ...	30 ✓	30 ✓	4 x 3 x 32 ✓	30" ✓	✓		18" ✓	7'-6" ✓
Trunk, Aft ...								
Trunk, Forward ...								
<del>Exposed Machinery Casings on Freeboard or Raised Quarter Decks</del> ...								
Exposed Machinery Casings on Superstructure Decks ...	34 ✓	30 ✓	3 x 3 x 30 ✓	30" ✓	BOXES AT TOP	NONE	✓	8'-0" ✓
<del>Machinery Casings within Superstructures not fitted with Class I Closing Appliances</del> ...								
Deckhouses on Flush Deck Ships ...								

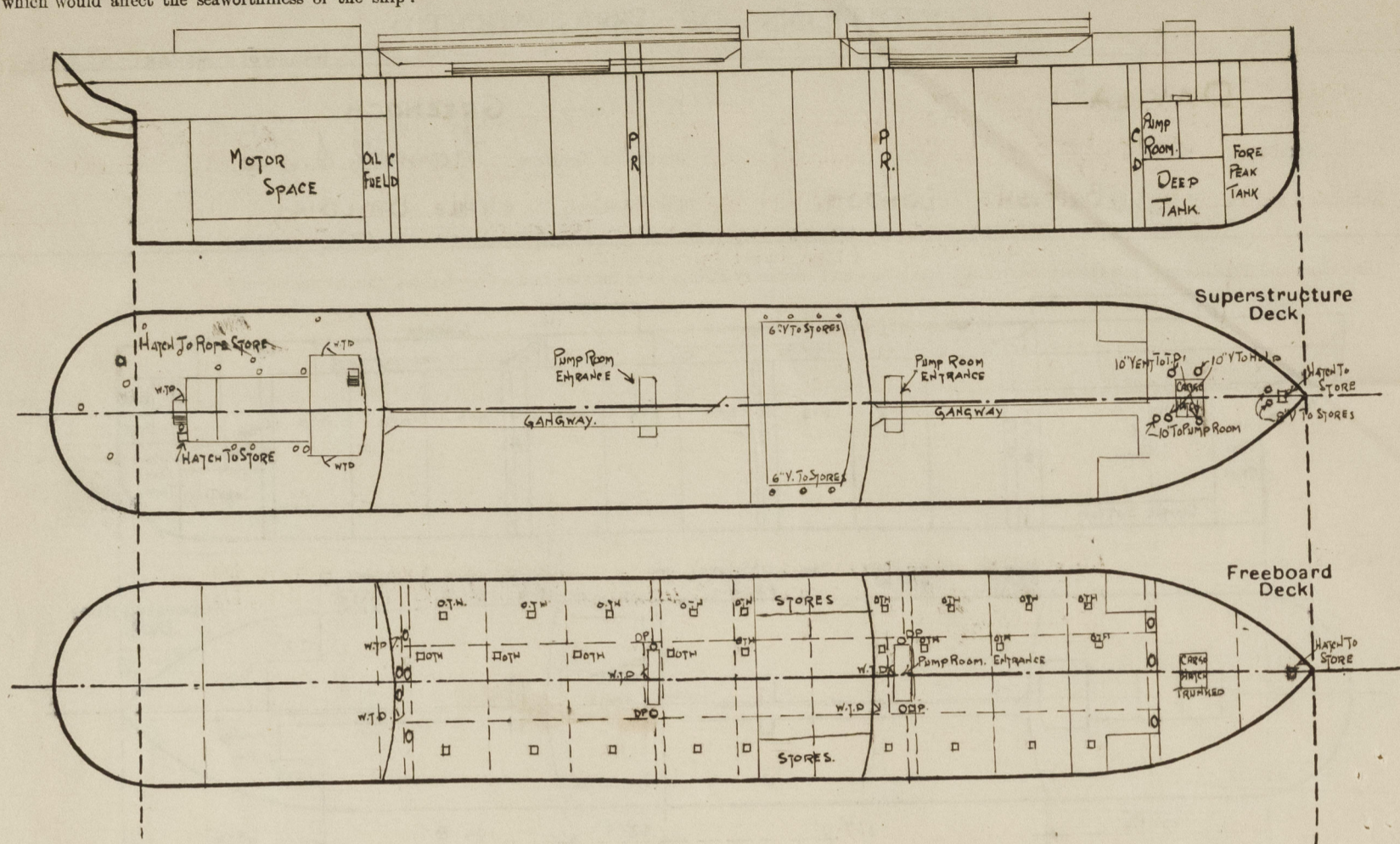
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	HINGED STEEL W.T. DOORS OPERATED FROM BOTH SIDES ✓
<del>Raised Quarter Deck Bulkhead</del> ...	✓
Bridge, After Bulkhead ...	STEEL PLATES SECURED BY HOOK BOLTS 15" APART; HINGED STEEL W.T. DOOR (STAR) ✓
Bridge, Forward Bulkhead ...	HINGED STEEL W.T. DOOR OPERATED FROM BOTH SIDES. ✓
Forecastle Bulkhead ...	2 STEEL HINGED W.T. DOORS. 6 STRONG WOOD HINGED DOORS OPERATED FROM BOTH SIDES. ✓
<del>Exposed Machinery Casings on Freeboard or Raised Quarter Decks</del> ...	✓
Exposed Machinery Casings on Superstructure Decks ...	NO OPENINGS ✓
<del>Machinery Casings within Superstructures not fitted with Class I Closing Appliances</del> ...	✓
Deckhouses on Flush Deck Ships ...	✓

Lavila

# 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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—  
 ENGINE ROOM SKYLIGHT OF STEEL STRONGLY CONSTRUCTED.  
 FIDDLE, FUNNEL & VENT. COAMINGS EFFICIENT  
 FIDDLE GRATINGS FITTED WITH STRONG HINGED STEEL COVERS

Particulars of Flush Bunker Scuttles:— NONE

Particulars of Companionways:— PUMP ROOM ENTRANCES IN FORE & AFTER WELLS  
 OPENINGS ENCLOSED BY STEEL HOUSE, SUBSTANTIALLY CONSTRUCTED.  
 WITH HINGED W.T. DOOR. AT AFTER END. SILL 18"  
 DOORS WORKABLE FROM BOTH SIDES.  
 ALSO, COMPANION TO POOP TWIN DECKS CONSTRUCTED OF STEEL &  
 HAVING STEEL W.T. DOOR WITH SILL 18" HIGH & WORKABLE  
 FROM BOTH SIDES.

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

**FORECASTLE DECK**  
 2-10" DIA. VENTS TO FORE HOLD. COAMING 36"x32"  
 2-10" " " " TWIN DKS " 36"x32"  
 1-10" " " " PUMP ROOM " 36"x32"  
 2-8" " " " STORES " 36"x30"  
**WELLS**  
 1-24" DIA. DERRICK POSTS PORT & STAR TO EACH PUMP ROOM.  
 CONNECTED TO PUMP ROOM ENTRANCE HOUSE & STAYED.  
**BRIDGE DECK**  
 2-6" DIA. VENTS TO BRIDGE SPACE STORES. COAMINGS 30"x30".  
 ALL VENTILATORS CONSTRUCTED ACCORDING TO THE RULES &  
 FITTED WITH EITHER STEEL SCREW DOWN W.T. COVERS OR  
 WOOD PLUGS WITH CANVAS COVERS.

**POOP DECK**  
 2-6" DIA. VENTS TO HOSPITAL COAMING 30"x30"  
 3-6" " " " W.C.s " 30"x30"  
 2-8" " " " POOP TWIN DKS " 30"x30"  
 1-12" " " " 2<sup>ND</sup> DKS STORE " 30"x34"  
 1-12" " " " POOP TWIN DKS " 5'0" x 3'4" STAYED TO HOUSE  
 1-10" " " " STEERING GEAR " 30"x32"  
 1-10" " " " PASSAGE " 26"x32"  
 1-10" " " " S.N. VENTS TO W.C.s 30" TO LIP.  
**BOAT DECK**  
 2-12" VENTS TO ENGINEERS STORE COAMING 30"x34"  
 3-10" " " " PASSAGE " 30"x32"  
 3-12" " " " WORKSHOP " 30"x34"  
 4-14" " " " POOP TWIN DKS " 30"x36"

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

**FORECASTLE DK**  
 2 S.N. AIR PIPES 4" DIA TO FORE PEAK, 18" TO LIP  
 2 S.N. " " " " DEEP TANK, 18" TO LIP  
**FORWARD WELL**  
 1 AIR PIPE (P45) 3" DIA TO COFFERDAM (P45)  
 LED UP TO FRONT ABOUT 6'-6" ABOVE DK  
**AFTER WELL**  
 1 AIR PIPE (P45) 3 1/2" DIA TO COFFERDAM, LED TO TOP OF  
 POOP DK  
 1 " (P45) 4" " " O.F. BUNKER  
 1 " (P45) 3" " " SETTLING TANKS  
 ALL LED UP POOP BHD TO 2'-6" ABOVE POOP DECK.  
**POOP DK**  
 1 S.N. 5" AIR PIPES TO AFT PEAK TANK (P45) 2'-6" TO LIP  
 1 S.N. 2" " " " RUDDER TRUNK " 2'-6" TO LIP  
 2 S.N. 3" " " " F.W. TANKS (P45) 2'-6" " "  
**BOAT DECK CASING TOP**  
 1 S.N. AIR PIPES TO OIL FIELD, D.B. (P45) 1'-6" TO LIP  
 1 S.N. 3 1/2" " " " LUB. OIL D.B. (P45) 1'-6" " "  
 2 S.N. 5" " " " " TWIN DKS (SP45) 1'-6" " "  
 2 S.N. 2" " " " COFFERDAM, D.B. (P45) 1'-6" " "  
 2 S.N. 3 1/2" " " " COOLING WATER TANK 1'-6" " "

ALL AIR PIPES FROM OIL SPACES.  
 FITTED WITH COPPER GAUZE ELSEWHERE  
 WOOD PLUGS FITTED.

Particulars of Gangway Cargo and Coaling Ports:—

- NONE -

Particulars of Scuppers and Sanitary Discharge Pipes:—

**SCUPPERS** IN WELLS:— 6" PIPE SCUPPERS FITTED AT ENDS OF BRIDGE & POOP DISCHARGING ABOUT 18" BELOW FREEBOARD DK.  
 STRINGER BAR CUT FOR REMAINING SCUPPERS  
 IN POOP FORE TWIN DKS:— DISCHARGE OVERBOARD & FITTED WITH STORM VALVES AT SHIPS SIDE & BRASS SCREWED PLUGS AT INNER END  
**SANITARY DISCHARGES**:— FROM ENCLOSED SPACES FITTED WITH STORM VALVES AT SHIPS SIDE & U BEND TRAP AT INNER END.  
 STORM VALVES FROM POOP FORECASTLE SPACES ABOUT 6'-0" BELOW FREEBOARD DECK.  
 " " " BRIDGE HOUSES FITTED ABOVE FREEBOARD DK.

Particulars of Side Scuttles:—

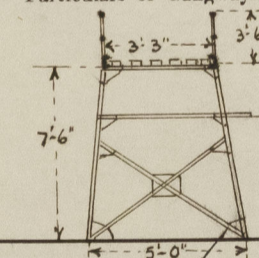
SIDE LIGHTS ARE FITTED IN POOP BRIDGE & FORECASTLE SPACES 8" TO 10" DIA.  
 ALL SIDE LIGHTS ARE OF SUBSTANTIAL CONSTRUCTION & ARE FITTED WITH HINGED STEEL  
 DEADLIGHTS.

Vertical distance of Sill of lowest Side Scuttle above top of keel. NO SIDE LIGHTS FITTED BELOW FREEBOARD DECK

Particulars of Guard Rails:— POOP BRIDGE & FORECASTLE DKS.— RAILS 3'-6" HIGH WITH 3 RODS & STANCHIONS SPACED ABOUT 5'-0" APART.

FORE & AFTER WELLS RAILS & STANCHIONS BETWEEN BULWARKS. 3'-6" HIGH WITH 3 RODS  
 & STANCHIONS 5'-0" APART.

Particulars of Gangways, Lifelines, etc.:—



EFFICIENT GANGWAY FITTED OVER BOTH WELLS.

ANGLE SUPPORTS 4x4x40 SPACED ABOUT 7'-6" APART.  
 DIAGONAL STAYS 3x3x30  
 PLATFORM ANGLES 4x4x40  
 4x4 FT GIRDERS 6x3 1/2x40 CHANNEL  
 SUPPORTS BRACED F&A WITH 3x3x30 ANGLE STAYS  
 WOOD PLATFORM 5x3 WOOD SPARRED  
 RAILS 3'-3" HIGH 2 RODS & STANCHIONS 5'-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	FOR OF POOP 18' 0"	3' 6"	3' 0" x 1' 6" OVAL.	1	4.75	OPEN RAILS 8' 4"
	AFT OF BRIDGE 59' 3"			2	9.5	
Forward Well	FOR OF BRIDGE 15' 6"	3' 6"	3' 0" x 1' 6" OVAL.	1	4.75	OPEN RAILS 6' 9"
	AFT OF F.C.D. 27' 5"			1	4.75	

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:— FITTED WITH 3 VERTICAL BARS.

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										
		SUPERSTRUCTURE DECK								
Description of Hatchway	...	...	...	...	...	...	...	...	...	
Dimensions of Hatchway	...	...	...	...	...	...	...	...	...	
COAMINGS	{	Height above Deck	...	30" ✓	30" ✓	6 x 3 x 40 ANGLE COAMING.				
		Thickness	{ Sides	40 ✓	44 ✓	HINGED STEEL W.T. COVERS 40				
			{ Ends	40 ✓	44 ✓	SECURED BY TOGGLES 15" APART.				
		Stiffeners	...	✓	6 x 3 x 40 BA ✓					
		Brackets, Stays	...	✓	✓					
HATCH BEAMS	{	Number	...	STEEL HINGED COVERS 50 HICK	TRUNKED TO					
		Spacing	...	WITH STIFFS 4 x 3 x 40	2 <sup>ND</sup> DK.					
		Scantling and Sketch	...	CLOSED BY TOGGLES	30 PLATING					
			...	SPACED 13" APART ✓	STIFFS 3 x 3 x 30					
			...		24" APART ✓					
FORE AND AFTERS	{	Bearing Surface	...	MANHOLES	STEEL HINGED					
			...	3 TO FOR COFFERDAM.	W.T. COVER					
			...	3 TO AFT	40 WITH					
			...	2 TO O.F. BUNKER.	4 x 3 x 40					
			...	23 x 18 1/2	STIFFS 33"					
HATCH COVERS	{	Number	...	COAMING 12 x 3 1/2 x 3 1/2 x 40	COVER SECURED					
		Spacing	...	CHANNELS	BY TOGGLES					
		Unsupported Lengths	...	50 STEEL COVERS	SPACED 13"					
		Scantling and Sketch	...	WITH BOLTS SPACED	4" APART ✓					
		Bearing Surface	...							
Spacing of Cleats		...	...	...	...	...	...	...	...	
Number of Tarpaulins		...	...	...	...	...	...	...	...	
*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.

