

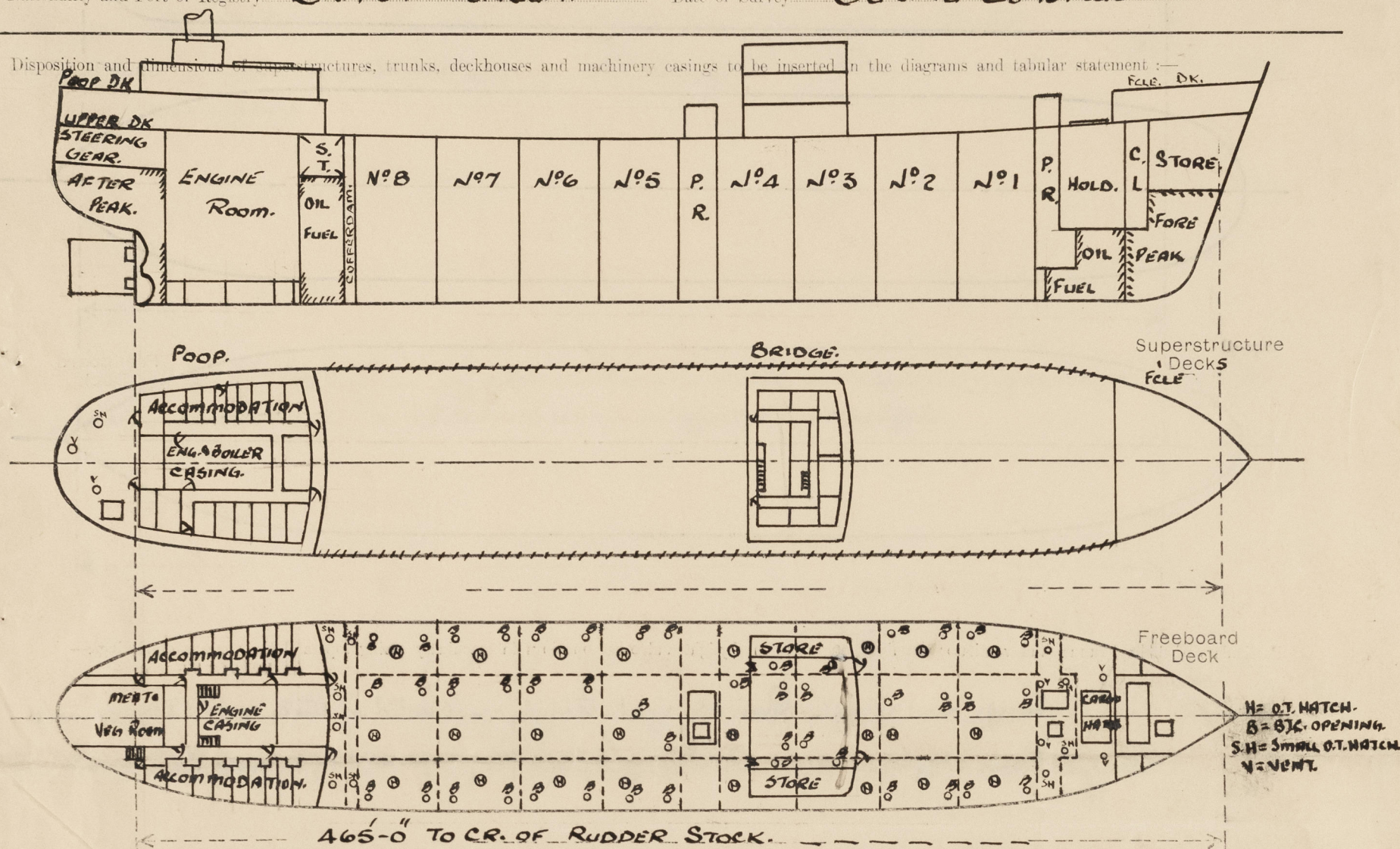
## Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "CALTEX DELHI." Port of Survey SUNDERLAND.  
 Official Number \_\_\_\_\_ Surveyor's Signature Noel F.H. Duncan  
 Nationality and Port of Registry BRITISH. LONDON. Date of Survey DURING CONSTRUCTION.

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"x3 1/2"x40" L	30"	BKTS TOP LUGS BTM.	5'-0"x3'-0" (2)	18"	8'-0"
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	30"	30"	4 1/2"x3"x34"	30"	BKTS TOP & BTM.	5'-0"x3'-1" (2)	18"	8'-0"
Bridge, Forward Bulkhead ...	44"	44"	10"x3 1/2"x40" L	30"	BKTS T.O.B.	5'-0"x3'-0" (2)	18"	8'-0"
Forecastle Bulkhead ...	30"	30"	4 1/2"x3"x34"	30"	BTMS. W.	5'-0"x4'-0" (1)	18"	8'-0" - 11'-0" (SEE SKETCH)
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 ...	✓							
Deckhouses on Flush Deck Ships ...	✓							

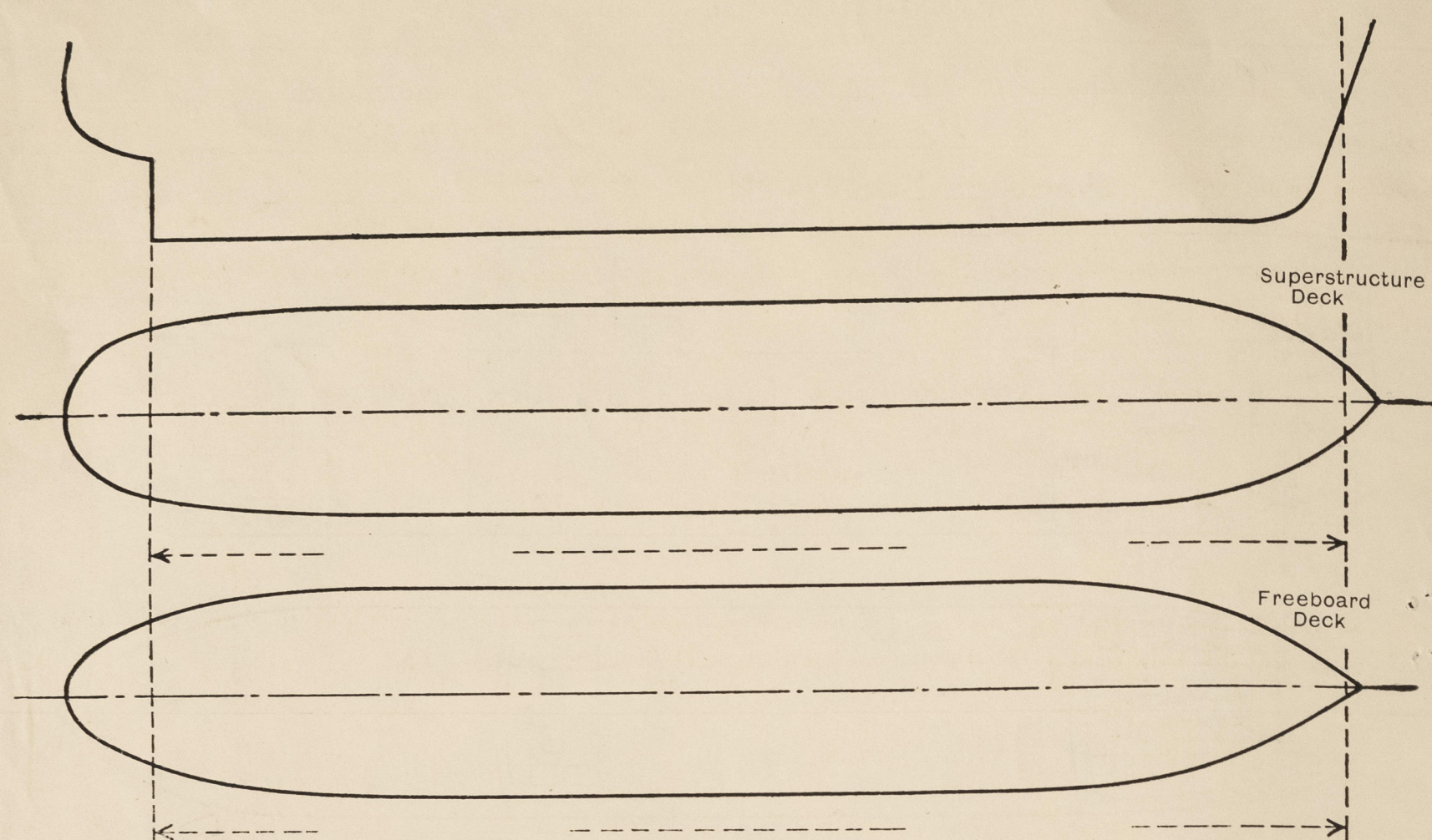
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Hinged Steel (mechanics) W.T. Dow operated from both sides
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	Bolted Plate covers, Bolts 14" apart.
Bridge, Forward Bulkhead ...	Hinged Steel (mechanics) W.T. Dow operated from both sides.
Forecastle Bulkhead ...	Bolted Plate covers. Bolts 14" apart.
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 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 fidley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Funnel, Vent coamings and Engine Room skylight strongly constructed of steel, no fidley openings  
Engine Room skylight fitted with hinged steel flaps operated by means of hand quadrants.

Particulars of Flush Bunker Scuttles:—

None fitted.

Particulars of Companionways:—

Main Pump Room Entrance (Amidships) Opening 4'3" x 2'3" Sill 24" fitted with hinged steel W.T. Dns operated from both sides  
Pump Room Entrance (Forward) Opening 4'3" x 2'3" Sill 24" fitted with hinged steel W.T. Dns operated from both sides.  
Pump Room Entrances strongly and efficiently constructed of steel and fitted with skylights with hinged steel flaps.  
Entrances to deckhouse on Pop. Dk. strongly constructed enclosing gun stairways leading to accommodation on upper Dk.  
6 @ 5'0" x 2'3" Sills 18" closed by means of hinged steel W.T. Dns operated from both sides.

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

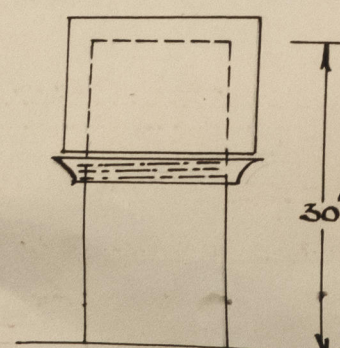
6 Cowl Vents on Upper Deck.  
2 Derrick Post Vents 30'0" x 50" with brackets to upper Dk and Pump Rm entrance, one fitted cowl and one mushroom top.  
2 Cowl Vents to Main Pump Rm 5'0" x 4'0" supported by Bts to upper Dk (18" diam).  
2 " " 24" Diam Coamings 9'0" x 4'0" supported by Bts to Fore Deck (To Cargo hold)  
On Pop. Deck.  
2 Cowl Vents 6" Diam Coamings 30" x 30" to Steering Gear Comp.

All Cowl Vents closed by means of Wood plugs and Canvas covers.  
Excluding Derrick Posts.

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

Air Pipes of Patent Type, and closed by means of screwed flange.

10 On Pop. Deck.  
4 On Fore Dk.



Particulars of Gangway Cargo and Coaling Ports:—

None fitted.

Particulars of Scuppers and Sanitary Discharge Pipes:—

Scuppers and Discharges from midship accommodation led thro' ship's side P.S. and fitted with non return valves.  
Scuppers from Pop. accommodation led thro' ship's side below foreward deck and fitted with automatic non return valves at shell, of substantial and efficient construction.  
Scuppers from Centre Castle Store space led thro' Aft. Bridge Bldg, P.S. and fitted with permanently attached screwed plugs.

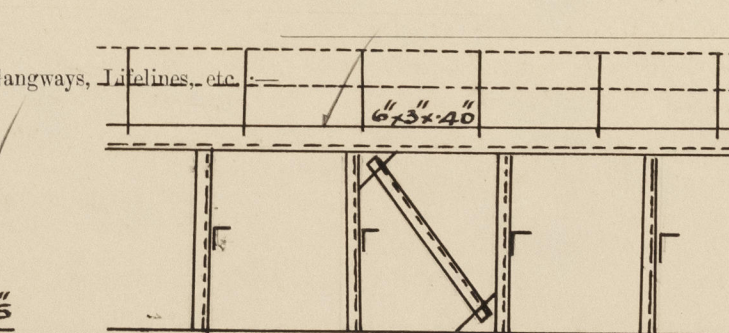
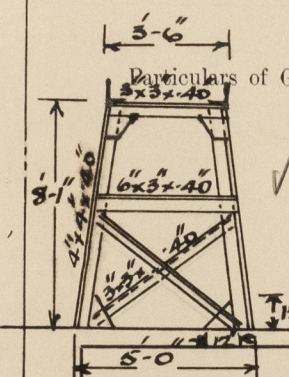
Particulars of Side Scuttles:—

16" Diam. Side Scuttles fitted aft in way of Crews accommodation and also in way of store space amidships  
All of substantial construction and fitted with permanently attached deadlights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 41'0"

Particulars of Guard Rails

Steel Bulwarks of strong and efficient construction at sides and front of Bridge, Guard rails at aft end of Bridge deck comprised of 3 Rails 3'6" high, stanchions spaced 4'6" apart, Guard Rails around Fore 3 Rails 3'6" high with stanchions spaced 4'6" apart.  
Guard Rails around Pop. Dk. comprised of 3 Rails 3'6" high stanchions 4'6" apart. Guard Rails between Fore Bridge Front and Pop. Dk. comprised of 2 Chains 3'6" high stanchions spaced 4'6" apart fitted with stretching screws.

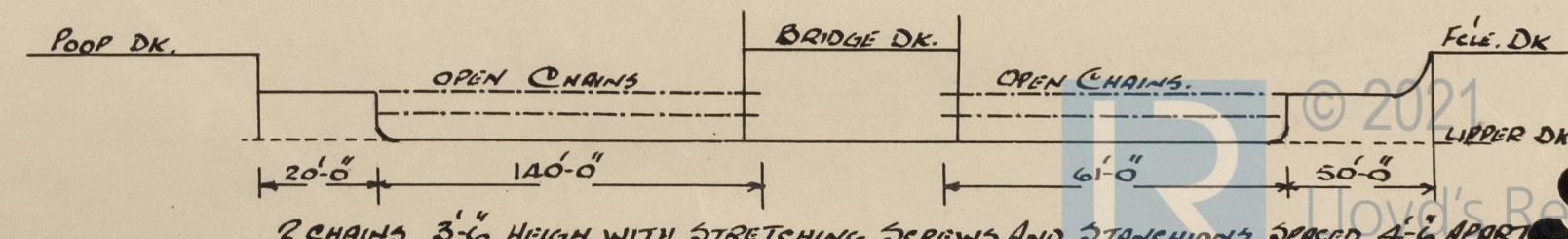


Fore & Aft Gangway from Pop. to Bridge & Fore, to Fore 5'1" in height, Hand Rail 3'6" high comprised of 2 Chains, Stanchions 4'6" apart 3'6" high with stretching screws.  
"Ironweld tread" decking.

Supports 14 Forward 19 Aft. spaced 9'0" apart  
Fore & Aft Bracing 4 Forward 7 Aft.  
Supports welded to deck.

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 ... ..	Open Rails, for details of Bulwarks, Rails and Freeing Ports see sketch below.					
Forward Well ... ..						
State position of each freeing port ... .. { After Well :— } See sketch below, height above deck edge 10"						
(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.											
ON UPPER DECK						ON POOP DECK.					
Description of Hatchway	...	...	To	To	To	TO AFTER	INSIDE FCL. TO FCL. STORE.	TO BUTTERWORTH	TO BUTTERWORTH	TO BUTTERWORTH	TO BUTTERWORTH
Dimensions of Hatchway	...	...	CARGO TANKS	CARGO HOLD	CARGO BUNKER	COFFERDAM	FCL. STORE.	FORWARD. PUMP ROOM.	OPENINGS	STORE.	TO ROPE STORE.
COAMINGS	Height above Deck ... Thickness ... Stiffeners ... Brackets, Stays ...	Sides ... Ends ...	24 Hatches 4'-0" Diam. Coamings 30"x75" Secured W.T. by means of .50" Steel hinged covers, hump packing and 2 Loggels.	Hatchway 17'-0"x9'-0" Coaming 30"x50" Secured W.T. by means of Hinged Steel covers .50", hump packing and 26 Loggels.	4 Hatches 23 1/2" Diam. Coamings 27"x40" Secured W.T. by means of .50" Steel hinged covers hump packing and 5 Loggels.	2 Hatches 23 1/2" Diam. Coamings 27"x40" Secured W.T. by means of .50" Steel hinged covers, hump packing and 5 Loggels.	Hatchway 3'-0"x3'-6" Coaming 12"x40" Secured W.T. by means of .40" Steel hinged cover, hump packing and 7 Loggels.	2 Hatches 23 1/2" Diam. Coamings 30"x44" Secured W.T. by means of .50" Steel hinged cover, hump packing and 5 Loggels.	There are 53 openings for Butterworth Tank cleaning apparatus in upper deck each 12" Diam. closed by 75" cover plates secured W.T. by means of packing and closely spaced studs.	Hatch 3'-6"x3'-6" Coaming 30"x40" Secured W.T. by means of .50" Steel hinged cover hump packing and 8 Loggels.	24" Diam. Hatch (mechanical type coaling handle) plank with wood deck, secured W.T. by means of secured steel cover.
HATCH BEAMS	Number ... Spacing ... Scantling and Sketch ...										
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ...										
HATCH COVERS	Material ... Thickness ... How fitted ... 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:—

