

# Lloyd's Register of Shipping.

(Report on Vessel No. 1916 Port Nag)

No. 696-A.

## SHIP ~~FORGINGS OR~~ CASTINGS.

I have to report that the undermentioned ~~Iron or~~ Steel ~~Forgings~~ Castings, manufactured by Messrs. Mitsubishi Zosen Kaisha, Ltd., of Nagasaki. for the Vessel No. 532, being built by them. of of have been inspected by me as set forth below and found to be, so far as can be seen, sound and free from defects.

One (1) Rudder Main Piece.

One (1) Rudder Front Piece.

One (1) Rudder Edge Piece.

Mark on ~~Forgings~~ Castings.

Lloyd's

No 696-A. B & C.

H.D.B. 19-5-33.

*H. Buchanan*

NAGASAKI. 19th May 1933.

	Rudder Main Piece.	Rudder Front Piece.	Rudder Edge Piece.
Material*	Cast steel	Cast steel	Cast steel
How made	Open Hearth Process	Open Hearth Process	Open Hearth Process
Is annealed	Cast	Cast	Cast
Dimensions	Yes	Yes	Yes
Progress on Inspection	As per	Approved	plan.
Date when Inspected	Cast, while	machining and	Finished.
	28-2-33 to 19-5-33	9-3-33 to 19-5-33	31-3-33 to 19-5-33
CASTINGS.			
Tests on Standard Test Pieces.	RUF-1.	RUF-2.	EP-1.
Tensile Test—			
Tons per square inch	31.6	32.0	31.2
Extension per cent.	32.7	30.4	33.2
Cold Bending Test—			
Angle before fracture	120°	without	fracture.
Drop Test—			
Height from ground	8 feet.	8 feet.	8 feet.
Hammering Test—			
If made according to Rules and found satisfactory	Yes	Yes	Yes

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

532-RUF-1.  
DROP TEST  
T.K.4-3-33

532-RUF-2.  
DROP TEST  
H.D.B.14-3-33

532-EP-1.  
DROP TEST  
T.K.31-3-33

Fee (if any chargeable) £

To be paid at



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Foundation

\* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.