

4 E

15 APR 1952

Chief Engineer Surveyor

Received from Chief Engineer Surveyor

Kob. 548
Kob. 548 F.E.

NAME 'TONAN MARU'

REPORT

No.

Machinery, boilers, auxiliary engines
and electrical.

Remarks of the Chief Engineer Surveyor are desired on this case for the consideration of the Classing Committee.

The endorsement to contain a succinct summary of any repairs that have been required and to show the cause of failure of such repairs, and also to bring out clearly any exceptional features in connection with the case, so that the Classing Committee may have all the salient points presented in the endorsement. - Extract from Sub-Committee's Report, 24/5/52.

~~REPAIRS TO ENGINES AND BOILERS DUE TO DAMAGE THROUGH~~

This vessel was formerly classed MBS* with the B.C. Register

The ship was bombed and sunk during the late war and was salvaged last year.

The requirements of a Special Survey for reclassification have now been carried out.

The main engines, boilers, auxiliary generator engines and electrical installation renewed in entirety, part auxiliary machinery renewed and part reconditioned.

Vessel dry docked, screwshafts withdrawn and examined, both shafts reconditioned, both propellers renewed, all sea cocks and fastenings renewed.

Intermediate and thrust shafts overhauled and made good, main condensers renewed, all original pumps overhauled. Oil burning installation completely renewed. Pumping arrangements reconditioned, part renewed and alterations to suit new oil fuel tank arrangements. Press boilers overhauled and reconditioned. All main steam pipes renewed. The whole installation constructed and fitted in accordance with approved plans, the Rules and Secretary's letters.

IT IS SUBMITTED that this vessel is eligible for the record
MBS* 10.51,
ElrS 10.51,
Both TSD 10.51.
New * E and B
MSP 10.51 AS 10.51
"fitted for oil fuel"Particulars for RB2 sets HP and LP turbines.
4 steam turbines D.R. geared to 2 screw shafts.
4 W.T.B. 285 lbs F.D. hs. 28024:mn 1600: MSP. SH. S.D.
Ishikawajima Hvy. Ind.

(Continued.....)

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Sheet 2

"TONAN MARU"

The Surveyor should be requested to confirm that total MN is 1600 in accordance with new computation, that heating surface for one boiler is 650.85 m² not 700.35 as stated in the 1st Entry Report. The heating surface is calculated on Boiler HS + Superheater HS + $\frac{1}{2}$ HS of Economiser.

Information should be sent as to number of Press Boilers and WP of same for insertion in the R.B. For purposes of the R.B. one Press Boiler entry comprises a complete unit which may include several pressure vessels. Full detailed particulars should be forwarded.

JM x
10. 4. 52.



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