

COPY.

# Lloyd's Register of Shipping,

71, Fenchurch Street, E.C.3.

AIR LETTER

1st June, 1950

Dept E.

Dear Sirs,

m.s. "SANTO MARU" No.25074 in R.B.  
Reclassification.

I am in receipt of your letter of the  
25th May enclosing plans of crankshaft and flywheel  
in connection with the above vessel.

In reply I have to inform you that with  
4 S.C.S.A. heavy oil engines intended for main propelling  
purposes, having 10 cylinders, 450 mm. diameter by 600 mm.  
stroke, Maximum pressure in cylinders 50 kg. per sq. cm.,  
M.I.P. 7,10 kg. per sq. cm. and span of bearings 556 mm.  
the following dimensions of the crankshaft are not less  
than the minimum dimensions determined by the Rules, viz.,

8 Crank ( Pins 285 mm. diameter with  
( 155 mm. diameter central hole  
( Journals 290 mm. diameter

The details of the crankshaft as shown on  
the plan meet the requirements of the Rules.

The plan of the flywheel or turning wheel  
is noted and in order.

I may perhaps add that the Rules in force  
at the time the above engine was installed in the ship did  
not require calculations of the torsional vibration charac-  
teristics to be submitted for consideration, and no action  
will be taken unless the Owners express a desire for an  
investigation to be carried out by the Society.

In connection with this case I confirm the  
cablegram sent you today reading as follows:-

"YOUR LETTER 25TH MAY SANTO MARU PLANS  
OF CRANKSHAFT FLYWHEEL APPROVED."

Yours faithfully,

The Surveyors,  
KOBE.

pro Secretary

P.T.O

W1028-0046



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P.P.S.

I shall be glad if you will confirm that when this engine was fitted on board the vessel the straight shafting was renewed, and if this is the case, a plan of the straight shafting should be forwarded to this Office.



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