

ms. "Santo Maru" N° 25074 in Register Book

Shipbuilders: Messrs.

Yard No.

Engineers: Messrs.

Engine No.

Reclassification.

It is submitted the Noble Surveyors be informed that with 4 S.C.S.A. heavy oil engines intended for main propelling purposes, having 10 cylinders 450 mm dia by 600 mm stroke, maximum pressure in cylinders 50 kg per sq. cm., M. & 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:

Crank Pins: 285 mm dia. with 155 mm dia. central hole.

Journals: 290 mm dia.

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.

It should be added that the Rules in force at the time the above engine was installed in the ship, did not require calculations of the torsional vibration characteristics to be submitted for consideration and no action will be taken, unless the Owners express ~~the~~ desire for an investigation to be carried out by the Society.

The surveyors should be advised by cable as follows:

"SANTO MARU. PLANS OF CRANKSHAFT AND FLYWHEEL APPROVED."

Lr 1/6

Return

plan.

Retain

plans. copy.

2m, 12, 49.

It is concluded that when this engine was fitted on board the ship that the straight shafting was renewed & if this is the case the Surveyors should forward to the Office a plan of the straight shafting.

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