MAIN PROPELLING OIL ENGINES. **E1.**

Shafting Endorsement.

Shipbuilders: Messrs. M/V "LIZZIE + ANNIE" ~~Yard No~~. REPLACE ENGINE

Engineers: Messrs. SVENSKA MASKINVERKEN SODERTALJE Engine No. 214/6934

It is submitted that with engines for main propelling purposes, having particulars as stated below, the following sizes of shafting merit approval, viz.:

Sizes of Shafting:

Crank 150 M/M Flywheel Thrust 80 M/M

Intermediate 71·5 M/M Tube — Screw 89 M/M (EXISTING)

Particulars of Engines:

Engine Type 4 S.C.S.A Max. Press. in Cylinders 36 kg/cm²

Open Sea Service M.I.P. ~~or M.E.~~P. 66·7 Lbs/□@ ·75 Eff.

Smooth Water Service ~~I.H.P.~~ or B.H.P. 90

No. of Cylinders 2 Weight of Flywheel 655 Kg.

Diam. of Cylinders 250 M/M Diam. of Flywheel 950 M/M

Stroke 330 M/M GD² of Balance Weights —

Span of Bearings 371 M/M GD² of Turning Wheel —

Revs. per Min. 360 M/M Diam. of Propeller 3'-10" FROM 1ST ENTRY

Screw Shaft Without Continuous Liner

The Hull Surveyors should be informed that this survey should be reported on a first entry from No. 48.

It is noted the crank and thrust shaft forgings have been tested by the Society's Surveyors at Gothenburg, but it is concluded that the engine was not completed under the Surveyors supervision.

Return Plan.

Retain Copy.

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