



M. V. "IMPERIAL"

- 4- Top cylinder cover cracked in a vertical direction at outer wall.
- 5- Upper cylinder water jacket cracked and broken at top bolt circle in way of cylinder cover landing face.
- 6- Scavenge air duct, located between upper and lower cylinders, started and disturbed in way of fastenings.
- 7- Upper piston indented at upper end.
- 8- Lower piston broken in way of ring grooves.
- 9- Forged steel piston rod broken clear through at lower end of taper at crosshead connection. Upper and lower nuts distorted.
- 10- Cast iron cover, located over piston rod, scored.
- 11- Bottom bell casting which is attached to bottom side of upper cylinder jacket and forms cooling chamber for upper liner, cracked and broken.
- 12- Four (4) forged steel engine frame bolts stretched and broken.
- 13- Two (2) forged steel exhaust piston push rods stretched and distorted.
- 14- Various sections of fuel oil, lubricating oil, water and air piping, also fittings and fastenings damaged.

Recommend that the No. 1 cylinder unit of the main engine be repaired prior to this vessel's departure to sea.

The Owner's state that this vessel will be laid up for a temporary period of time.

J.M.B.

*noted subjects as recommended*

*Boh 5/2/46*



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