



COPY

LLOYD'S REGISTER OF SHIPPING

Report No.951(D)

Port VISAKHAPATNAM,

Date 28th July, 1966.

This is to Certify that at the request of the Owner's Superintendent and with the consent of the Master, the undersigned Surveyors attended on board the S.S. "GALAXIAS", 5,449 gross tons of PIRAEUS on the 29th May, 1966, and subsequently, whilst afloat in Visakhapatnam Harbour, on account of suspected grounding damage.

It was stated by the Master that:-

- I. At 2045 hours on the 25th May, 1966, the ship ran aground (on the starboard side) off BAVANAPADU (approximately 85 miles north of Visakhapatnam) and refloated under own power at 2345 hours on the same day. During refloating anchors and cables were not used. Whilst using full power boilers were stated to be vibrating badly, causing leakage of tube ends in all 3 boilers.

Grounding stated to have been caused by drifting from course due to seasonal monsoons, or magnetic compass deviations (caused by cargo of iron ore or surrounding hills) combined with poor visibility. No Radar or Gyro compass fitted.

For further particulars, see Ship's Log Book.

Upon examination the following damage was found and repairs recommended, without prejudice to the terms and conditions of insurance.

It is considered that the defects found in the boilers are not attributable to the alleged grounding.

Surveyor for M/V A. PRAKASH
(C. FEBRIER)

(A. PRAKASH)

Surveyor to Lloyd's Register of Shipping

(Contd)

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S.S. "GALAXIAS": 2 :REPORT NO. 951(D)FOUND:A. HULL

Soundings taken twice of all tanks and bilges with no apparent entry of water found, except No. 2 D.B. tank full and stated empty before grounding. Unable to pump out and ascertain leakage due to boiler shut down. No international examination of hold bilges possible due to cargo of ore in holds. Engine Room bilges showed no sign of damage or entry of water.

Steering Gear examined working and found to be satisfactory.

Compass now stated to be working satisfactorily with only slight known deviation.

RECOMMENDED:

Bottom Shell plating be specially examined at next dry-docking. No. 2 D.B. tank to be pumped out before sailing to ascertain rate of leakage.

B. MACHINERY:F o u n d .RECOMMENDED.PORT BOILER.

1. Leakage in all four furnaces at combustion chamber end from tube ends. Passages in smoke tubes badly sooted.
2. Heavy salt deposits on boiler mountings.
3. Soot blower elements leaky.

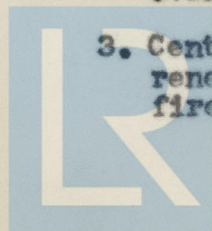
1. Leaky tube ends to expand, passages to be cleared and cleaned.
2. Water side spaces to be cleaned and examined. Boiler mountings to be overhauled.
3. Soot blower elements to caulk.

CENTRE BOILER:

1. Leakage in combustion chambers from tube ends. Passages in (smoke) tubes badly sooted.
2. Heavy salt deposits on boiler mountings.
3. Centre Portside furnace distorted with slight bulges at 5th, 6th and 7th corrugations.

1. Leaky tube ends to expand, passages to be cleared and cleaned.
2. Water side spaces to be cleaned and examined. Boiler mountings to be overhauled.
3. Centre P.S. furnace to be renewed and not to be fired meantime.

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S.S. "GALAXIAS"Report No. 951(D)FOUND.RECOMMENDED.STARBOARD BOILER:

- | | |
|---|---|
| 1. Leakage in all furnaces in combustion chamber from tube ends. Passage in smoke tubes badly sooted. | 1. Leaky tube ends to expand, passages to be cleared and cleaned. |
| 2. Heavy salt deposits on boiler mountings. | 2. Water side spaces to be cleaned and examined. Boiler mountings to be overhauled. |
| 3. Leakage from soot blower elements. | 3. Leaky soot blower elements to be caulked. |
| 4. Wing furnace combustion chamber wrapper plate seam eight rivets leaky. | 4. Leaky rivets to caulk. |

NOW DONE:Port Boiler:

1. Wing furnace portside, 35 tubes expanded 2 leaky stay tubes caulked. Eight superheater elements removed to facilitate clearing and cleaning of the passages.
2. Leaky soot blower elements caulked.
3. Centre Furnace (Port side) 31 tubes expanded. Eight superheater elements removed to facilitate clearing and cleaning of passages.
4. Centre furnace starboard side, 72 tubes expanded and one tube plugged. Two superheater elements removed to facilitate clearing and cleaning of passages. Leaky soot blower element caulked.

CENTRE BOILER:

- | | |
|------------------------|--------------------|
| 1. Wing Furnace p.s. | 20 tubes expanded. |
| 2. Centre furnace p.s. | 37 " " |
| 3. Centre furnace s.s. | 94 " " |
| 4. Wing furnace s.s. | 72 " " |

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S.S. "GALAXIAS"Report No. 951(D)STARBOARD BOILER:

- | | |
|------------------------|--------------------|
| 1. Wing furnace p.s. | 30 tubes expanded. |
| 2. Centre furnace p.s. | 84 " " |
| 3. Centre furnace s.s. | 50 " " |

Ten superheater elements removed to facilitate clearing and cleaning of passages.

4. Wing furnace s.s. 84 tubes expanded. Eight superheater elements removed to facilitate clearing and cleaning of passages. Eight leaky rivets on combustion chamber wrapper plate seam and leaky soot blower element caulked.

Note:- Condenser and circulating system was examined working and there was no indication of fouling of passages. Owner's representative considered opening of condenser inspection covers on water side unnecessary and no opportunity was afforded.

C. Ferrier for self & A. Prakash.
(C. FERRIER)

(A. PRAKASH)

SURVEYORS TO LLOYD'S REGISTER OF SHIPPING.

CF/AP/pvr:

Fee .. Rs. 300/-



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