

COPY.

# Lloyd's Register of Shipping.

Port CALCUTTA.

December 14th, 1933.

This is to Certify that

B. PESKETT

the undersigned Surveyor to this Society did at the request of Messrs. Turner Morrison & Co., Calcutta, attend on board the steel screw steamer "DARA" 4922 tons gross register of Bombay to examine and report on the nature and extent of damage caused by the fire in the jute cargo in Nos. 2 & 3 lower and shade tween decks first noticed about 11 p.m. on November the 30th, 1933 and finally extinguished about 2.45 a.m. December the 10th, 1933.

For further particulars please see log books, extracts of which are attached.

The first examination was made at No.3 Garden Reach Whetties on the morning of December 1st, 1933 and the vessel was visited daily during the period of the fire.

General:- The fire was confined to the jute cargo stowed in Nos. 2 & 3 lower and shade tween decks although it extended into and damaged the Officers' accommodation and Saloon in the Bridge. The major portion of the damage consists of deck plating and beams although the portside shell plating was also affected. The main items of the damage are as follows:-

16 shade deck plates to renew, 6 shade deck plates to remove, fair and refit, 22 upper deck plates to renew, 11 upper deck plates to remove, fair and refit, 20 Upper deck beams to

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Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is that neither the Committee nor the Society are under any circumstances whatever to be held responsible for any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other of the Society, or for any error of judgment, default, or negligence of the Committee or any Member thereof, or other Officers or Agents of the Society."

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remove, fair, reset to camber and refit, 28 main deck plates to remove, fair and refit, wood sheathing on shade deck in way of Nos. 2 & 3 hatches to renew, Bridge Accommodation and fittings to be rebuilt.

Found.Recommended.

(For numbering & lettering of plates,  
please see attached drawings).

SHADE DECK.Deck Plates.

P.A.2, P.C.1 & P.C.5 found slightly distorted.	To remove, fair and refit.
P.A.3, P.A.4, P.B.2, P.B.3, P.B.4, P.C.3, P.C.4, P.D.3, & M.L.3 badly distorted and buckled - holes cut in these plates for access to seat of fire.	To be renewed, P.C.4 to be extended when renewed to deal with buckled portion of P.C.5 .
S.A.2, S.B.3, S.E.4 & S.C.3 plates badly buckled and holes cut in them for access to seat of fire.	To be renewed.
S.A.3 found badly buckled.	To be renewed.
S.C.4 found badly buckled.	To be renewed and extended to deal with buckled portion of S.C.5.
S.D.2 & S.D.3 slightly buckled.	To remove, fair and refit.

Nos. 2 & 3 hatch beams and hatch covers on  
this deck to be faired and repaired as necessary.

Beams below Shade Deck.

Nos. 110, 112, 114, 116, 118, 120 & 122 found set down and buckled.	To off, fair, reset to camber and refit.
The fore & after girders on port & starbd. sides between frames Nos. 110 & 129 badly buckled and distorted.	To be renewed.

Shell Plates in Shade Tween Decks.

<u>Port Side:</u> - 2 plates in "L" strake, 2 plates in "M" strake & 2 plates in "N" strake badly buckled and overheated. One of the plates in "L" strake was holed for access to seat of fire.	To be renewed.
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Found.Recommended.Shell plates in Shade Tween Decks.

Starbd. Side:- 1 plate in "M" strake & 1 plate in "N" strake slightly buckled and overheated.

To remove, fair, anneal and refit.

18 scuttle ports in this space were broken for access to seat of fire - all these require renewal - the remainder of the side scuttles are to be overhauled.

Accommodation & Shade Deck Fittings.

Saloon, cabins, bathrooms and chartroom - all damaged woodwork, furniture, electric wiring and fittings and equipment to be repaired or renewed as necessary.

Winches and all cargo gear used during the fire to be overhauled and made good.

Wooden sheathing on shade deck was found burnt and charred in way of the fire and will require to be completely renewed in this vicinity.

Vessel's life boats filled with water for trimming purposes when the vessel was listing badly - to be overhauled and minor defects made good.

Found.Recommended.U P P E R   D E C K .Deck Plates.

P.A.2, P.A.3, P.A.4, P.B.2, P.B.4; P.C.2, P.C.3, P.D.3, P.D.4 & P.D.5 found badly buckled and overheated.

To be renewed.

P.B.3 badly buckled - this plate was removed for access to seat of fire.

To be renewed.

P.D.7, & P.E.5 found badly buckled and were holed for access to seat of fire.

To be renewed.

P.E.3 & P.E.4 found slightly buckled.

To remove, fair and refit.

P.C.4 holed for access to seat of fire.

Hole to be spigotted.

S.A.2, S.A.3, S.A.4, S.A.5, S.B.2, S.B.4, S.D.2 & S.D.7 found slightly buckled.

To remove, fair and refit.

S.B.3, S.B.5, S.C.2, S.C.3, S.D.3 & S.D.5 found badly buckled.

To be renewed.



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Found.

Recommended.

Deck Plates (Contd).

S.E. 4 was removed for access to fire and is slightly buckled.

To fair and refit.

S.C.4 & S.E.5 found badly buckled and had been holed for access to seat of fire.

To be renewed.

Ship's Side frames  
Shade Tween Deck.

Port Side:- Nos. 116, 121, 129, 137, 138, 139 & 140 found slightly distorted.

To fair in place.

Port Side:- Nos. 114, 117, 118 & 136 found badly distorted.

To renew - No. 117 to crop and part renew.

Starbd. Side:- No. 112 found slightly distorted.

To fair in place.

Fore & After Girders below Upper Deck.

Port Side:- From frames Nos. 115 to 142 the girder is badly distorted, the remainder of the girder is distorted in places.

Girder from frames Nos. 115 to 142 to renew - remainder of girder to remove, fair and refit.

Starbd. Side:- Girder slightly buckled for full length.

To remove, fair and refit.

Beams below Upper Deck.

Nos. 102, 104, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130, 132, 134, 136, 138 & 140 found buckled and down.

To remove, fair, reset to camber and refit.

Fittings in Shade Tweene.

Damaged spar ceiling and wooden ladders to repair and renew as necessary - all electric wiring to renew and fittings to renew as necessary. All ventilators, steam fire extinguishers, air and sounding pipes to renew or repair as necessary. No.2 hatch coaming, beams and hatchboards to fair, hatchboards to renew.

Found.

Recommended.

MAIN DECK.

Deck Plates.

A.1, P.A.2, P.A.3, P.A.4,  
B.2, P.B.3, P.B.4, P.B.5,  
C.2, P.C.3, P.C.4, P.D.2,  
D.3, P.D.4, P.E.2, P.E.3,  
A.2, S.A.3, S.B.2, S.B.3,  
C.2, S.C.3, S.C.4, S.D.1,  
D.3, S.D.4, S.E.1, S.E.2,  
and buckled.

To remove, fair and refit.



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Found.

Recommended.

Frames below Main Deck.

Nos. 102, 104, 108, 110, 116 found set down.

To remove and reset to camber.

Frames in Lower Tween Deck.

Side:- Nos. 106, 108, 112, 116, 117, 118, 120, 122, 129 found buckled.

All frames except No.120 to fair in place. No.120 to be renewed.

Side:- Nos. 115, 120, 124, found buckled.

All frames to fair in place except No.120 which is to be removed, faired, and refitted. Beam knee on No. 124 to renew.

Forward Bulkhead No.2 Lower Tween.

No.1 S.S. found buckled.

To remove, fair and refit.

No.2 U buckled and holed access to seat of fire.

To renew.

Watertight door on this bulkhead to be made workable.

Bulkhead No.2 Lower Tween.

Stiffeners on port side and starbd. side found buckled.

To remove, fair and refit.

All Ventilators, steam fire extinguishers, air and sounding pipes to be put in good condition. Two tween deck pillars to remove, fair and refit.

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The Donkey Boiler and the Forward Main Boiler which were in use when the vessel listed badly, and at periods water was lost from the gauge glass, to be opened up for examination.

Bilge and Ballast Pumps to be opened up for examination and necessary repair - Bilge lines also to be cleared of linseed.

The foregoing repairs will be necessary to place the vessel in same condition as before the fire.

*R. Sekhri*

Surveyor to Lloyd's Register, Calcutta.

350/-

48/- Sunday fee.

398/-



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