

REPORT of SURVEY for REPAIRS, &c.

No. *533* on the *S. Dunphail battle* Date, first Survey *4 July* Last Survey *26 July* 1881
 No. in Survey held at *London* Master *Albert Hilder*
 Reg. Book. *533* YEAR. MONTH.

TONNAGE under Tonnage Deck *644*
 Ditto of Spar Deck, or Awning Deck
 Ditto of Poop
 Ditto of Raised Qr. Dk.
 Ditto of Houses on Deck
 Ditto of Forecastle
 Gross Tonnage *720*
 Crew Space, as per Rule
 Register Tonnage, cut on Beam
 Engine Room
 Reg. Tons as St' mer, cut on Bm. *720*
 Built at *Liverpool* When built *1861*
 Owners *J. H. Allan* Port belonging to *London*
 Residence
 By whom built *Living* Destined Voyage *Madras*
 If Surveyed Afloat or in Dry Dock *Amelklu dry dock*
 (State Name of Dock)

Length of Poop ft. Ditto, Forecastle ft. Ditto, Raised Quarter Deck ft. Years assigned. Character in Register Book.
 Last Survey, No. *37918* Port *London*
 REPAIRS, OR EXAMINATION AS PER RULE *for Half Year and raised class*
 Cause of Repairs to be clearly stated.

Yellow Metal stripped off and the bottom cleaned down. Listings and air courses cleared. Bolts and trenails driven out as per Rule. Windlass working & shavings removed. Chain Cables laid out on deck and all other requirements complied with.

Guillets from keel to funnel, and screws of keel caul Red. The stem at fore part being slightly worn has been trimmed off and an iron back chock fitted about 10 feet in length, and an additional breasthook has been fitted at that part as compensation. Retreated over felt as before. Bowspit and fower fore topsail yard new.

In this case an application has been made for raised class under the Rules for mixed materials and for fastenings. The present class being:- 12 yrs Lobl A. 1 m. material. It appears from 1/4 fastenings 1/4 last

Present Condition of the	Roof	Treenails	Windlass and Capstan
Decks			
Waterways	<i>de</i>	Breasthooks and Stenson	<i>de</i>
Comings	<i>de</i>	Transoms, Pointers, and Crutches	<i>de</i>
Upper Deck Beams & Fastenings	<i>de</i>	Timbers of the Frame at the openings	<i>de</i>
Lower Deck Beams & Fastenings	<i>de</i>	Ditto Ditto at other places	<i>de</i>
Planksheers	<i>de</i>	Keelsons	<i>de</i>
Sheerstrakes	<i>de</i>	Clamps and Shelves	<i>de</i>
Topsides	<i>de</i>	Ceiling	<i>de</i>
Wales	<i>de</i>	Rudder	<i>de</i>
Plank (Bottom) and Counter	<i>de</i>	Copper (or Y.M.) <i>Y. M. of felt</i> When put on <i>July 78</i>	<i>de</i>
Engine Room Skylights		Caulking of Bottom, Deck, & Waterways	<i>de</i>
Coal Bunker, Openings, Lids, &c.		Scuppers	<i>de</i>
General Observations, Opinion as to Class, &c.		Cargo and Main Hatchways	<i>de</i>
		Hatches	<i>de</i>

It is submitted that in consideration of the large proportion of Leak in this vessel, she merits the favorable consideration of the Committee for an additional year (being two years in all for mixed materials) and an extra year on account of fastenings which if painted would raise the present class to 16 yrs. - 12 Tabl A 2 m. material 1/4 fastenings 1/4 last and to be out 11 yrs from June 78, with the record of 11.7.81.

The Amount of Entry Fee ... £ : : : received by me, *J. H. Longdon*
 Special ... £ 6 : 6 : 4 Aug 1881
 Certificate (if required) to be sent as per margin... £ : 5 :
 (Travelling Expenses, if any, £)

Committee's Minute *4 August 1881*
 Character assigned *Raised to 16 A. 1. Cmt 11A 1 from 1878*
HT Lon/81 - 12x16 yrs max Iron Bottom CE

40687^{Lon}

The first entry report that the materials used in construction are as follows:—

The frame Eng work with some Teak floor 12816 yds
Nelson Teak and Greenheart 16812 "—

Outside planking from light work to
the funnel inclusive Teak — 16 "—

Bilge and timber strakes Teak 16 "—

Ceiling in hold and turret decks Teak 16 "—

Shelver and Waterways Teak & Greenheart 16812 "—

Beams all of Iron —————

The through fastenings all of Yellow
Metal to the funnel inclusive.

Ceiling bolts and Chain bolts have been removed
and found to be galvanized iron.

In the repairs for continuation, also on account of
damage by fire, a considerable quantity of Teak
was used for timbers &c.

Thos. Longdon



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