

# Report of Survey for Repairs, &c., of Engines & Boilers.

No. *49056* Date of Writing Report *28 Dec 1888* Port of *London* (Received at London Office, *TUES 1 JAN 1889*)  
 No. in Reg. Book. *148* Survey held at *London* Date, first Survey *15 Dec* Last Survey *22 Dec 1888*  
 on the Machinery of the *hms "Malek"* Master *Groft* No. of Visits *4*  
 Tonnage Gross *1004* Net *162 1* Vessel built at *Newcastle* By whom *Wigham Richardson* When *1883* Boilers, when made (Main) *1883* (Donkey) *1883*  
 Registered Horse Power *180* Engines made at *Persian Gulf S.S. Co* Port *London* Voyage *Cardiff*  
 No. of Main Boilers *90* Owners *Persian Gulf S.S. Co* Class of Vessel & Machinery *1004/1-888*  
 Steam Pressure in Main Boilers *90* *TL MC-4, 87*  
 in Donkey Boiler *TL MC-4, 87*

Last Survey No. *Port*

Particulars of Examination and Repairs (if any) *Condition after Grounding*

(State clearly the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs.) Repairs on account of Damage should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case.

Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time?

If this was not done, state for what reasons?

Did what parts of the Boilers could not be thus thoroughly examined?

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each boiler?

*On examination a flaw was discovered in fore half of crank shaft, the spare built half marked Lloyd's Test 1478 S.V. made at Dumbarton has now been fitted. Circulating pump examined & sea cocks & found good. Also fastenings of propeller & sea connections.*

General Observations, Opinion, and Recommendation:— *The machinery as far as seen now appears in a sound & efficient condition rendering the vessel eligible in my opinion to remain as classed.*

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for
Survey Fee (per Section 28) .....	£ 1 : 1 : 0	<i>71 188 9</i>
Special Damage, Fee (per Section 28) .....	£ 2 : 2 : 0	
*Certificate (if required) as per margin .....	£ : :	Received by me,
Travelling Expenses (if chargeable) .....	£ : :	<i>21/1 188 9</i>

*ad*

Committee's Minute *TUES 8 JAN 1889*

Assigned *Remain as classed*



It is submitted that this  
vessel is eligible to remain  
as classed

MH  
7.1.89

