

REPORT of SURVEY for REPAIRS, &c.

IRON 467-0324

No. in Reg. Book. **No. 162** Survey held at **Hamburg** Date, first Survey **18th July** Last Survey **29th July** 18**76**.
on the **Iron Barge Enterprise (late Knowsley)** Master _____

TONNAGE under Tonnage Deck _____
Ditto of Spar Deck, or Awning Deck _____
Ditto of Poop, or Raised Qr. Dk. _____
Ditto of Houses on Deck _____
Ditto of Forecastle _____
Gross Tonnage _____
Crew Space, as per Rule _____
Register Tonnage, cut on Beam **647**
Engine Room _____
Reg. Tons as St' mer, cut on Bm. _____

Built at **Pallion** When built **1864** 10 mo.
Owners **J. C. Pflugh** Port belonging to **Hamburg**
Residence **Hamburg**
By whom built **Oswald** Destined Voyage **Singapore**
If Surveyed Afloat or in Dry Dock **on Patent Slip**

Length of Poop _____ ft. Ditto, Forecastle _____ ft. Ditto, Raised Quarter Deck **Forty four ft.**
Last Survey, No. **6129** Port **Iron** Classified _____
Character in Register Book. ***A1**
3,68

REPAIRS, OR EXAMINATION AS PER RULE

The vessel ran ashore 1870 on the Sulland coast, was sold to a Hamburg shipwright and brought off by him in September of the same year. After this she was thoroughly repaired at the Reiherstieg Ship Yard.

Now she has been surveyed according to Survey No. 3.

Vessel put on Patent Slip, bottom sighted and found in a good condition. The following thicknesses of Plating were attained by drilling holes: ¹⁰/₁₆, ⁹/₁₆, ⁸/₁₆. All the ceiling removed, the cementing renewed where necessary and extended ^{up} the lower deck beams. The riveting, floor-plates, frames, keelsons, stringers (the latter ones extraordinary strong), beams, water tight bulkheads and the inner surface of the outside plating were all found in a very good condition.

The repairs consisted in cementing, painting and fitting her with two new masts (fore- & main-mast) of Pitch pine.

Present Condition of the

Decks recaulked & partly renewed.	Treenails Riveting very good.	Windlass and Capstan unhung and found good.
Waterways Iron	Breasthooks and Stemson	Pumps Patent & good.
Comings do	Transoms, Pointers, and Crutches	Boats good.
Upper Deck Beams & Fastenings very good	Timbers of the Frame at the openings	Masts, Yards, &c. Fore- & Main-masts new.
Lower Deck Beams & Fastenings do do	Ditto Ditto at other places	Condition, how ascertained
Plank sheers	Keelsons extra strong.	Sails partly renewed.
Sheerstrakes	Clamps and Shelves	Anchors No. of 6; three Patent ones.
Topsides Plating very good.	Ceiling partly renewed.	Cables 240 fms 1 ⁹ / ₁₆ in.
Wales	Rudder good.	Hawsers and Warps good.
Plank (Bottom) and Counter	Copper Patent Paint When put on new.	Standing & Running Rigging good.
Engine Room Skylights	Caulking of	
Coal Bunker, Openings, Lids, &c.	Bottom, Deck, & Waterways good.	
Scuppers good.	Cargo and Main Hatchways good.	Hatches good.

General Observations, Opinion as to Class, &c.

The vessel having undergone the requirements of Survey No. 3 and having been found in all respects in a very good condition, in our opinion, has to be classed again in the Reg. Book ***A1**.

The Amount of Entry Fee ... £ 5 : 0 : 0 received by me, }
Special ... £ 5 : 0 : 0 187
Certificate (if required) ... £ 0 : 5 : 0
(Travelling Expenses, if any, £)

Committee's Minute **1st August** 18**76**

Character assigned ***A1**

Ernst Laddarat
Surveyor to Lloyd's Register of British and Foreign Shipping.

Lloyd's Register Foundation

TRW S.L. No 8-76