

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

DEC 16 1937

(Received at London Office)

Date of writing Report _____ When handed in at Local Office 14-12-1937 Port of Middlesbrough
 No. in Reg. Book. 21218 Survey held at South Bank Date, First Survey 2 Nov Last Survey 7 Dec 1937
 on the Machinery of the Wood, Iron or Steel SS BENALDER
 Tonnage { Gross 5161 Vessel built at W Hartlepool By whom Jurass S B D D Co Ltd When 1919
 Net 3149 Engines made at _____ By whom Richardson Westgarth Ltd 1919
 Nominal Horse Power { _____ Boilers, when made (Main) 1919 (Donkey)
 No. of Main Boilers _____ Owners Ben Line Steamers Ltd Owners' Address _____
 No. of Donkey Boilers _____ Managers _____ Port Leith Voyage _____
 in Main Boilers _____ If Surveyed Afloat or in Dry Dock Smith's Dock Particulars of Classification (which must be inserted
 in Donkey Boilers _____ (State name of Dock.) _____ precisely as in Register Book & Supplements).

Last Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) L.M.C.

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. 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 (the cause of which must be stated) should be separated from repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.

damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined _____
 as a damage report made by anyone else? If so, by whom? _____

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? yes

What parts of the Boilers could not be thus thoroughly examined? _____

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? _____

What was the latest date of internal examination of each boiler? C & S. 14.11.37 P. 2.12.37

Did the Surveyor examine the Safety Valves of the Main Boiler? yes To what pressure were they afterwards adjusted under steam? 185 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes To what pressure were they afterwards adjusted under steam? _____

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? yes and of the Donkey Boilers? _____

Did the Surveyor examine the drain plugs of the Main Boilers? yes and of the Donkey Boiler? _____

Did the Surveyor examine all the mountings of the Main Boilers? yes and of the Donkey Boiler? _____

Has the screw shaft now been drawn and examined? yes Is it fitted with continuous liner? yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? no

Has the shaft now been changed? no If so, state reasons _____

Has the shaft now fitted been previously used? _____ Has it a continuous liner? _____ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? _____

What was the date of examination of Screw Shaft? 3.12.37 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft rewooded

Engine parts, when referred to by numbers, should be counted from forward. Is electric light fitted? yes

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done. Complete. see also

1st Entry Reports.
Vessel in dry dock. Propeller, screw shaft, sea connections & fastenings exam. Stern tube drawn to facilitate repairs to stern frame & refitted. New Propeller fitted.
all cylinders, pistons, valves & chests, crank, thrust & tunnel shafting, attached & auxiliary pumps & pumping arrange ment examined & condenser tested.
Main boilers examined internally & externally with their safety valves & mountings. Boilers & main & auxiliary steam pipes tested hydraulically to rule requirements & found sound & tight.
Safety valves adjusted under steam as above.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is eligible in my opinion to have the
 Records L.M.C. 12.37 T.S. CL 12.37

Survey Fee (per Section 29) _____ £ 1st Entry Report
 Special Damage or Repair Fee (if any) (per Section 29.) _____
 Travelling expenses (if chargeable) _____
 Fees applied for _____
 Received by me, _____
 Committee's Minute _____
 Assigned _____

FRI 7 JAN 1938
amb 12.37
 R. C. Clouston
 Engineer Surveyor to Lloyd's Register of Shipping.
 Lloyd's Register Foundation

Insert Character of Ship and Machinery precisely as in the Register Book

Is a Certificate required? If so, to be sent to _____

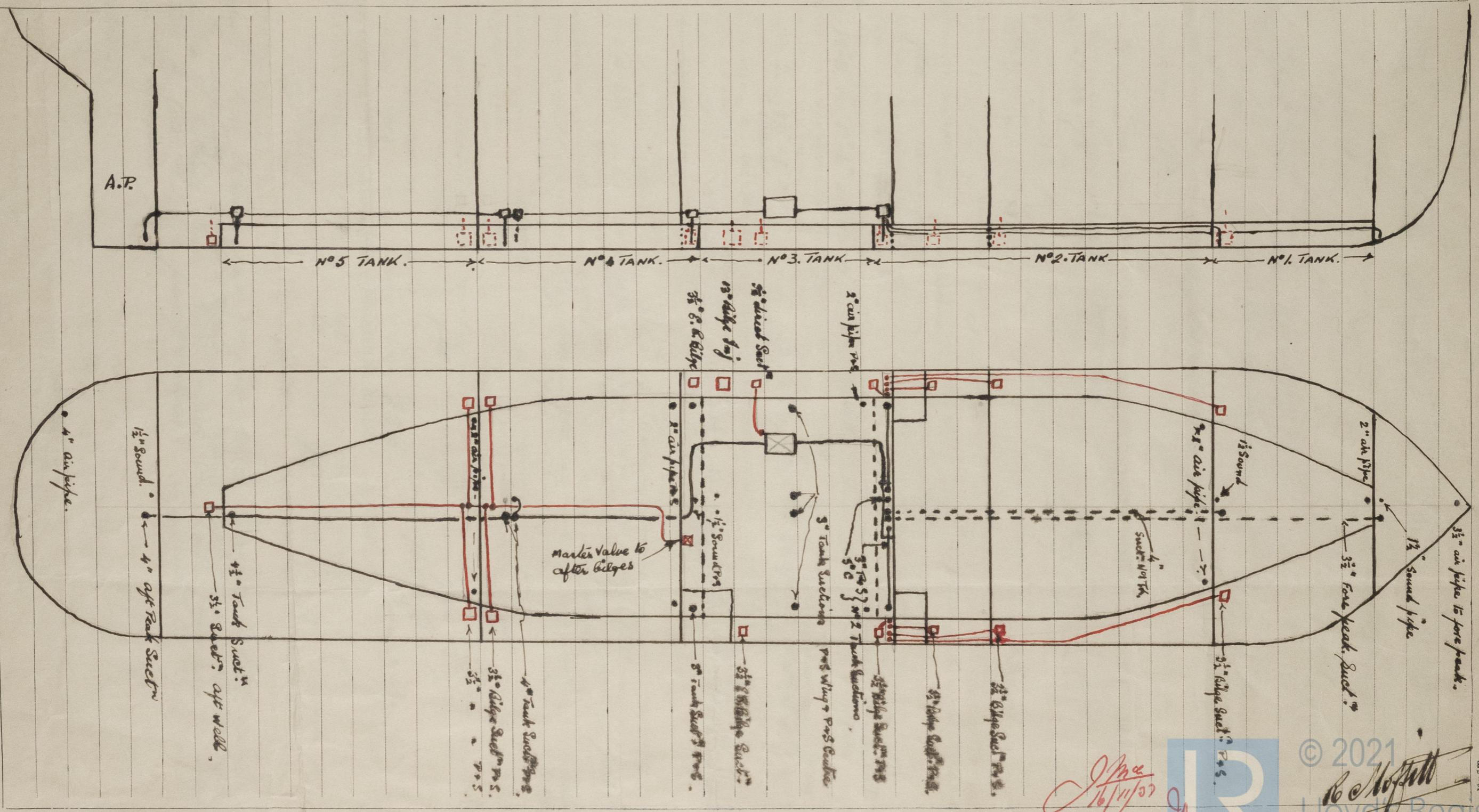
SKETCH OF PUMPING ARRANGEMENT.

DEC 16 1937 on the

dated

Continuation of Report No.

Rpt. 9a.
Part of



J. Mac
16/11/37



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