

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

(Received at London Office)

AUG 14 1939

Date of writing Report 5<sup>th</sup> AUGUST 1939 When handed in at Local Office 5<sup>th</sup> AUGUST 1939 Port of SOUTHAMPTON  
 No. in Reg. Book 1212 Survey held at GOSPORT Date, First Survey 17-11-39 Last Survey 17-7-1939  
 on the Machinery of the COMP AUX. SCH. CHIMERE (No. of Visits 16)  
 Tonnage { Gross 126.20 Vessel built at GOSPORT By whom CAMPER & NICHOLSON, L<sup>td</sup> When 1908-6<sup>th</sup>  
 Net 91.43 Engines made at MANCHESTER By whom L. GARDNER & SONS, L<sup>td</sup> When 1939  
 Nominal Horse Power 18 Boilers, when made (Main) (Donkey)  
 No. of Main Boilers ✓ Owners SIR STEPHENSON H. KENT, K.C.B. Owners' Address (if not already recorded in Appendix to Register Book.)  
 No. of Donkey Boilers ✓ Managers SON SLIPWAY, GOSPORT HARBOUR Port PORTSMOUTH Voyage YACHTING.  
 Steam Pressure in Main Boilers ✓ Surveyed Afloat SLIPWAY. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 in Donkey Boilers ✓

Last Report No. Port  
 Particulars of Examination and Repairs (if any) \*N.E. L.M.C. 5.34

(Periodical Surveys, when held, must be reported in detail and seriatim 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. E 42-1-39, 2-28-2-39.

In 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 ✓

Was 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? ✓

" " Donkey " " " ✓

If this was not done, state for what reasons? ✓

And 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? ✓

State latest date of internal examination of each boiler ✓

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

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

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

Did the Surveyor examine the drain plugs of the Main Boilers? ✓ , and of the Donkey Boilers? ✓

Did the Surveyor examine all the mountings of the Main Boilers? ✓ , and of the Donkey Boilers? ✓

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

Has 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? ✓

State date of examination of Screw Shaft 13-3-39 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Close

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

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? YES

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? YES

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

Now done for L.M.C. & N.E.:- In accordance with the Owner's instructions with a view to obtaining greater power the old engine has at this time been removed and a new 6L3 Gardner engine

Nº 46046 (as per Manchester Report Nº 9544) satisfactorily fitted in place. On completion of

installation a full power trial was carried out with satisfactory results.

The New engine is connected through a Chain Reduction Gear to the existing Intermediate Shaft

(Dia 3") Papenich certificate Nº D1703 for Upper & Lower Parts of Chain Casing its is attached

therewith. The Intermediate Section of casing was made of Steel Plates with welded flanges. The

welding was carried out with approved electrodes and the whole Casing was carefully examined

after running trials and found satisfactory.

The existing Bronze Screw Shaft Dia at top of cone was only 3" and as the body of shaft was 3 3/4"

General Observations, Opinion, and Recommendation:- The Machinery of this vessel is now in

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9.11, B.&M.S. 9.11, & L.M.C. 9.11, or

L.M.C. 140 lb., F.D., &c.)

a good and efficient condition, and eligible in my opinion to remain as classed with fresh

record of Survey \* L.M.C. 7.39 and fresh notation \* N.E. 7.39 & S. 3.39 B.

Survey Fee (per Section 29) L.M.C. £ 4 : 4 : 0

Special Damage or Repair Fee (if any) S.S. Fuel N.E. £ 3 : 0 : 0

Travelling expenses (if chargeable) Elec Equip £ 1 : 0 : 0

Received by me, 22/8/39

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned to L.M.C. 7.39

+ N.E. 7.39

CERTIFICATE WRITTEN

W315-0071/2010

Lloyd's Register



L.M.C. — continued

the cone end of shaft was cut off, and a new cone turned with minimum size of  $3\frac{1}{4}$  Dia to comply with the Rules. <sup>On completion of machining examined & found satisfactory</sup>

A new 3 Bladed Phosphor Bronze Propeller 48" Dia with 36" Pitch and Total Developed Area of 790 sq ft has been satisfactorily fitted.

The existing 1 Cyl Aux Engine has also been removed, and a new 4 Cyl Paraffin engine made by Parsons Engineering Co. Ltd. Southampton satisfactorily fitted and tried under full working conditions and found satisfactory.

This engine is driving a new Dynamo (No. 124670) constructed by Electric Construction Co. Ltd. Wolverhampton of 7.5 K.W. 50 Volts. 1500 R.P.M.

(Makers Certificate of Test attached herewith)

Pumps & Pumping Arrangements and the Exhaust Pipes & Silencers (lagged) which remain as originally fitted examined & found satisfactory.

Intermediate Shafting, Fuel Tanks their fittings & connections examined & found satisfactory.

Vessel placed on the Slipway, and the Propeller, Stern Bush, Sea Connections together with their inside and outside fastenings examined & found satisfactory.

N.B.:- The small Air Compressor & the two Air Bottles have at this time been removed.

Now done for Electric Equipment:- The Installation generally examined, Megger tested and Insulation Resistance found in accordance with the Rules. Afterward tried under full working conditions with satisfactory results.

Attest.



It is submitted that  
this vessel is eligible for  
**THE RECORD.** *7*

+Kue 7.39

+NE 9.39

1129 B.

Amend before particulars as follows:- oil syringes  
4! C.C.A. chain drive  
bey  $5\frac{1}{2}$  -  $7\frac{3}{4}$  18 N.H.P.  
L. Gardner & Co Ltd  
Meb.

29/8/29

1. The first of these is the  
 2. The second is the  
 3. The third is the  
 4. The fourth is the  
 5. The fifth is the  
 6. The sixth is the  
 7. The seventh is the  
 8. The eighth is the  
 9. The ninth is the  
 10. The tenth is the

1891  
1892  
1893  
1894  
1895  
1896  
1897  
1898  
1899  
1900  
1901  
1902  
1903  
1904  
1905  
1906  
1907  
1908  
1909  
1910  
1911  
1912  
1913  
1914  
1915  
1916  
1917  
1918  
1919  
1920  
1921  
1922  
1923  
1924  
1925  
1926  
1927  
1928  
1929  
1930  
1931  
1932  
1933  
1934  
1935  
1936  
1937  
1938  
1939  
1940  
1941  
1942  
1943  
1944  
1945  
1946  
1947  
1948  
1949  
1950  
1951  
1952  
1953  
1954  
1955  
1956  
1957  
1958  
1959  
1960  
1961  
1962  
1963  
1964  
1965  
1966  
1967  
1968  
1969  
1970  
1971  
1972  
1973  
1974  
1975  
1976  
1977  
1978  
1979  
1980  
1981  
1982  
1983  
1984  
1985  
1986  
1987  
1988  
1989  
1990  
1991  
1992  
1993  
1994  
1995  
1996  
1997  
1998  
1999  
2000  
2001  
2002  
2003  
2004  
2005  
2006  
2007  
2008  
2009  
2010  
2011  
2012  
2013  
2014  
2015  
2016  
2017  
2018  
2019  
2020  
2021  
2022  
2023  
2024  
2025  
2026  
2027  
2028  
2029  
2030  
2031  
2032  
2033  
2034  
2035  
2036  
2037  
2038  
2039  
2040  
2041  
2042  
2043  
2044  
2045  
2046  
2047  
2048  
2049  
2050  
2051  
2052  
2053  
2054  
2055  
2056  
2057  
2058  
2059  
2060  
2061  
2062  
2063  
2064  
2065  
2066  
2067  
2068  
2069  
2070  
2071  
2072  
2073  
2074  
2075  
2076  
2077  
2078  
2079  
2080  
2081  
2082  
2083  
2084  
2085  
2086  
2087  
2088  
2089  
2090  
2091  
2092  
2093  
2094  
2095  
2096  
2097  
2098  
2099  
2100  
2101  
2102  
2103  
2104  
2105  
2106  
2107  
2108  
2109  
2110  
2111  
2112  
2113  
2114  
2115  
2116  
2117  
2118  
2119  
2120  
2121  
2122  
2123  
2124  
2125  
2126  
2127  
2128  
2129  
2130  
2131  
2132  
2133  
2134  
2135  
2136  
2137  
2138  
2139  
2140  
2141  
2142  
2143  
2144  
2145  
2146  
2147  
2148  
2149  
2150  
2151  
2152  
2153  
2154  
2155  
2156  
2157  
2158  
2159  
2160  
2161  
2162  
2163  
2164  
2165  
2166  
2167  
2168  
2169  
2170  
2171  
2172  
2173  
2174  
2175  
2176  
2177  
2178  
2179  
2180  
2181  
2182  
2183  
2184  
2185  
2186  
2187  
2188  
2189  
2190  
2191  
2192  
2193  
2194  
2195  
2196  
2197  
2198  
2199  
2200  
2201  
2202  
2203  
2204  
2205  
2206  
2207  
2208  
2209  
2210  
2211  
2212  
2213  
2214  
2215  
2216  
2217  
2218  
2219  
2220  
2221  
2222  
2223  
2224  
2225  
2226  
2227  
2228  
2229  
2230  
2231  
2232  
2233  
2234  
2235  
2236  
2237  
2238  
2239  
2240  
2241  
2242  
2243  
2244  
2245  
2246  
2247  
2248  
2249  
2250  
2251  
2252  
2253  
2254  
2255  
2256  
2257  
2258  
2259  
2260  
2261  
2262  
2263  
2264  
2265  
2266  
2267  
2268  
2269  
2270  
2271  
2272  
2273  
2274  
2275  
2276  
2277  
2278  
2279  
2280  
2281  
2282  
2283  
2284  
2285  
2286  
2287  
2288  
2289  
2290  
2291  
2292  
2293  
2294  
2295  
2296  
2297  
2298  
2299  
2300  
2301  
2302  
2303  
2304  
2305  
2306  
2307  
2308  
2309  
2310  
2311  
2312  
2313  
2314  
2315  
2316  
2317  
2318  
2319  
2320  
2321  
2322  
2323  
2324  
2325  
2326  
2327  
2328  
2329  
2330  
2331  
2332  
2333  
2334  
2335  
2336  
2337  
2338  
2339  
2340  
2341  
2342  
2343  
2344  
2345  
2346  
2347  
2348  
2349  
2350  
2351  
2352  
2353  
2354  
2355  
2356  
2357  
2358  
2359  
2360  
2361  
2362  
2363  
2364  
2365  
2366  
2367  
2368  
2369  
2370  
2371  
2372  
2373  
2374  
2375  
2376  
2377  
2378  
2379  
2380  
2381  
2382  
2383  
2384  
2385  
2386  
2387  
2388  
2389  
2390  
2391  
2392  
2393  
2394  
2395  
2396  
2397  
2398  
2399  
2400  
2401  
2402  
2403  
2404  
2405  
2406  
2407  
2408  
2409  
2410  
2411  
2412  
2413  
2414  
2415  
2416  
2417  
2418  
2419  
2420  
2421  
2422  
2423  
2424  
2425  
2426  
2427  
2428  
2429  
2430  
2431  
2432  
2433  
2434  
2435  
2436  
2437  
2438  
2439  
2440  
2441  
2442  
2443  
2444  
2445  
2446  
2447  
2448  
2449  
2450  
2451  
2452  
2453  
2454  
2455  
2456  
2457  
2458  
2459  
2460  
2461  
2462  
2463  
2464  
2465  
2466  
2467  
2468  
2469  
2470  
2471  
2472  
2473  
2474  
2475  
2476  
2477  
2478  
2479  
2480  
2481  
2482  
2483  
2484  
2485  
2486  
2487  
2488  
2489  
2490  
2491  
2492  
2493  
2494  
2495  
2496  
2497  
2498  
2499  
2500  
2501  
2502  
2503  
2504  
2505  
2506  
2507  
2508  
2509  
2510  
2511  
2512  
2513  
2514  
2515  
2516  
2517  
2518  
2519  
2520  
2521  
2522  
2523  
2524  
2525  
2526  
2527  
2528  
2529  
2530  
2531  
2532  
2533  
2534  
2535  
2536  
2537  
2538  
2539  
2540  
2541  
2542  
2543  
2544  
2545  
2546  
2547  
2548  
2549  
2550  
2551  
2552  
2553  
2554  
2555  
2556  
2557  
2558  
2559  
2560  
2561  
2562  
2563  
2564  
2565  
2566  
2567  
2568  
2569  
2570  
2571  
2572  
25

*[The page contains several lines of handwritten cursive script, which appears to be bleed-through from the reverse side of the document. The handwriting is highly stylized and difficult to decipher.]*

[illegible]

卷之五

data