

Ceiling betwixt Decks, thickness and material
 „ in hold do. do. *2 1/2" pine*
 Number of Breasthooks *2.*
 „ Crutches

BULKHEADS.		No. in Vessel		No. Rqd. by Rule	
		Thickness.	Angles.	Spacing.	Height up.
W. T. BULKHEADS	$\frac{6''}{120}$ $\frac{5''}{120}$ Vrtel. 32×36 Hrzntl. 32×20	30° 40°	4 30° 40°	4. to deck	Sngl. or Dbl. Framed. double.
PARTITION....	Vrtel. Hrzntl.				
LONGITUDINAL.	Vrtel.				

ial Survey No
inary Survey No
in builder

DATES of Surveys held while building

- 1st. On the several parts of the frame, when in place, and before the plating was wrought
- 2nd. On the plating during the process of riveting
- 3rd. When the beams were in and fastened, and before the decks were laid
- 4th. When the ship was complete, and before the plating was finally coated or cemented ...
- 5th. After the ship was launched and equipped

January 16 10.25 February
{ March 6 27

April 11 May 29
June 15 July 6. 24 Tot

Total No. of Visits 10

as and initials of letters respecting this case

Remarks (State quality of workmanship, &c.)

The main engines and boilers have been built under special survey and the workmanship is sound and good throughout. The vessel is built under special survey and the workmanship is sound and good throughout. The steel material tested as per Rules.

[illegible][illegible]

Q. *What kind of material is used for the plates?* A. *Steel (state process of manufacture of Steel) used for Framing, Keelsons, Tie and Stringers, and Outside*
Covering. *Iron 60.* *Are the rivets of plate, and or otherwise fitted?* *Yes.* *Are the rivets properly placed?* *Yes.*
Are the lines between the frames and plates solid single pieces? *Yes.* *Do the holes for riveting plate to frames, butt straps, or plate*
to plate, &c., conform well to each other? *Yes.* *Are the rivet holes well and sufficiently countersunk in the plate and punch-*
from the facing surfaces? *Yes.* *Do any rivets break into or through the seams or butts of the plating?* *No.*
Are the butts of Plating, Stringers, &c., properly abutted and strapped? *Yes.*

MASTS, SPARS, &c.

No.		Length		DIAMETER AND THICKNESS			No. of Plates in round.	ANGLE.		REVENING.	
Bar	Head	(Parting)	Head	Round	Head	Shoulder		Tail	Shoulder	Tail	
Bar	Head	Parting	Head	Round	Head	Shoulder	Tail	Shoulder	Tail	Shoulder	Tail
Bar	Head	Parting	Head	Round	Head	Shoulder	Tail	Shoulder	Tail	Shoulder	Tail

North mast stood in 2 ft high heels, was low pole mast.
 Sails and the following spars:
 Main, mizzen, and the following spars:
 Main, mizzen, and the following spars:
 Main, mizzen, and the following spars:
 Main, mizzen, and the following spars:

[illegible]

CHAIN CABLES.					
Test per					
					<i>Rule Wright 141-0-16</i>

HAWSERS AND WARPS.												The amount
Quantity.	Size.	Certificate. Tons.	Weight of Chain Cable.	Fathoms & Size. Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size. Per Rule.	Value.
8	1 1/2"	38 tons	24 lb. 0.26	195 1/2"	Studlink	Connell Walker & Co. Barnes England	and Superintendent.	TOWLINE* wire	75	3"	75-82"	
11	1 1/2"	as per Encls. 22	22 lb. 0.26	195 1/2"	Studlink	Connell Walker & Co. Barnes England	and Superintendent.	Hawser	90	6"	90-6"	
60	3"	guaranteed to	18 tons	18 tons	and	Haggie Boston	South West Sunderland H. T. Welford					

HAWSERS AND WARPS.

No.	Year	Size	Material	Fathoms	Size	Fathoms	Size	
1952	1 1/2"	38 ton	14 1/2" 0.26	1951	1 1/2"	Studlink	1951	1 1/2"
1953	1 1/2"	as for 1952	22 1/2" 0.26	1954	1 1/2"	as for 1952	22 1/2" 0.26	1955
1956	3"	guaranteed to	18 tons	1957	3"	guaranteed to	18 tons	1958
1959	3"	guaranteed to	18 tons	1960	3"	guaranteed to	18 tons	1961
1962	3"	guaranteed to	18 tons	1963	3"	guaranteed to	18 tons	1964
1965	3"	guaranteed to	18 tons	1966	3"	guaranteed to	18 tons	1967
1968	3"	guaranteed to	18 tons	1969	3"	guaranteed to	18 tons	1970
1971	3"	guaranteed to	18 tons	1972	3"	guaranteed to	18 tons	1973
1974	3"	guaranteed to	18 tons	1975	3"	guaranteed to	18 tons	1976
1977	3"	guaranteed to	18 tons	1978	3"	guaranteed to	18 tons	1979
1980	3"	guaranteed to	18 tons	1981	3"	guaranteed to	18 tons	1982
1983	3"	guaranteed to	18 tons	1984	3"	guaranteed to	18 tons	1985
1986	3"	guaranteed to	18 tons	1987	3"	guaranteed to	18 tons	1988
1989	3"	guaranteed to	18 tons	1990	3"	guaranteed to	18 tons	1991
1992	3"	guaranteed to	18 tons	1993	3"	guaranteed to	18 tons	1994
1995	3"	guaranteed to	18 tons	1996	3"	guaranteed to	18 tons	1997
1998	3"	guaranteed to	18 tons	1999	3"	guaranteed to	18 tons	2000
2001	3"	guaranteed to	18 tons	2002	3"	guaranteed to	18 tons	2003
2004	3"	guaranteed to	18 tons	2005	3"	guaranteed to	18 tons	2006
2007	3"	guaranteed to	18 tons	2008	3"	guaranteed to	18 tons	2009
2010	3"	guaranteed to	18 tons	2011	3"	guaranteed to	18 tons	2012
2013	3"	guaranteed to	18 tons	2014	3"	guaranteed to	18 tons	2015
2016	3"	guaranteed to	18 tons	2017	3"	guaranteed to	18 tons	2018
2019	3"	guaranteed to	18 tons	2020	3"	guaranteed to	18 tons	2021
2022	3"	guaranteed to	18 tons	2023	3"	guaranteed to	18 tons	2024
2025	3"	guaranteed to	18 tons	2026	3"	guaranteed to	18 tons	2027
2028	3"	guaranteed to	18 tons	2029	3"	guaranteed to	18 tons	2030
2031	3"	guaranteed to	18 tons	2032	3"	guaranteed to	18 tons	2033
2034	3"	guaranteed to	18 tons	2035	3"	guaranteed to	18 tons	2036
2037	3"	guaranteed to	18 tons	2038	3"	guaranteed to	18 tons	2039
2040	3"	guaranteed to	18 tons	2041	3"	guaranteed to	18 tons	2042
2043	3"	guaranteed to	18 tons	2044	3"	guaranteed to	18 tons	2045
2046	3"	guaranteed to	18 tons	2047	3"	guaranteed to	18 tons	2048
2049	3"	guaranteed to	18 tons	2050	3"	guaranteed to	18 tons	2051
2052	3"	guaranteed to	18 tons	2053	3"	guaranteed to	18 tons	2054
2055	3"	guaranteed to	18 tons	2056	3"	guaranteed to	18 tons	2057
2058	3"	guaranteed to	18 tons	2059	3"	guaranteed to	18 tons	2060
2061	3"	guaranteed to	18 tons	2062	3"	guaranteed to	18 tons	2063
2064	3"	guaranteed to	18 tons	2065	3"	guaranteed to	18 tons	2066
2067	3"	guaranteed to	18 tons	2068	3"	guaranteed to	18 tons	2069
2070	3"	guaranteed to	18 tons	2071	3"	guaranteed to	18 tons	2072
2073	3"	guaranteed to	18 tons	2074	3"	guaranteed to	18 tons	2075
2076	3"	guaranteed to	18 tons	2077	3"	guaranteed to	18 tons	2078
2079	3"	guaranteed to	18 tons	2080	3"	guaranteed to	18 tons	2081
2082	3"	guaranteed to	18 tons	2083	3"	guaranteed to	18 tons	2084
2085	3"	guaranteed to	18 tons	2086	3"	guaranteed to	18 tons	2087
2088	3"	guaranteed to	18 tons	2089	3"	guaranteed to	18 tons	2090
2091	3"	guaranteed to	18 tons	2092	3"	guaranteed to	18 tons	2093
2094	3"	guaranteed to	18 tons	2095	3"	guaranteed to	18 tons	2096
2097	3"	guaranteed to	18 tons	2098	3"	guaranteed to	18 tons	2099
2100	3"	guaranteed to	18 tons	2101	3"	guaranteed to	18 tons	2102
2103	3"	guaranteed to	18 tons	2104	3"	guaranteed to	18 tons	2105
2106	3"	guaranteed to	18 tons	2107	3"	guaranteed to	18 tons	2108
2109	3"	guaranteed to	18 tons	2110	3"	guaranteed to	18 tons	2111
2112	3"	guaranteed to	18 tons	2113	3"	guaranteed to	18 tons	2114
2115	3"	guaranteed to	18 tons	2116	3"	guaranteed to	18 tons	2117
2118	3"	guaranteed to	18 tons	2119	3"	guaranteed to	18 tons	2120
2121	3"	guaranteed to	18 tons	2122	3"	guaranteed to	18 tons	2123
2124	3"	guaranteed to	18 tons	2125	3"	guaranteed to	18 tons	2126
2127	3"	guaranteed to	18 tons	2128	3"	guaranteed to	18 tons	2129
2130	3"	guaranteed to	18 tons	2131	3"	guaranteed to	18 tons	2132
2134	3"	guaranteed to	18 tons	2135	3"	guaranteed to	18 tons	2136
2138	3"	guaranteed to	18 tons	2139	3"	guaranteed to	18 tons	2140
2142	3"	guaranteed to	18 tons	2143	3"	guaranteed to	18 tons	2144
2146	3"	guaranteed to	18 tons	2147	3"	guaranteed to	18 tons	2148
2150	3"	guaranteed to	18 tons	2151	3"	guaranteed to	18 tons	2152
2154	3"	guaranteed to	18 tons	2155	3"	guaranteed to	18 tons	2156
2158	3"	guaranteed to	18 tons	2159	3"	guaranteed to	18 tons	2160
2162	3"	guaranteed to	18 tons	2163	3"	guaranteed to	18 tons	2164
2166	3"	guaranteed to	18 tons	2167	3"	guaranteed to	18 tons	2168
2170	3"	guaranteed to	18 tons	2171	3"	guaranteed to	18 tons	2172
2174	3"	guaranteed to	18 tons	2175	3"	guaranteed to	18 tons	2176
2178	3"	guaranteed to	18 tons	2179	3"	guaranteed to	18 tons	2180
2182	3"	guaranteed to	18 tons	2183	3"	guaranteed to	18 tons	2184
2186	3"	guaranteed to	18 tons	2187	3"	guaranteed to	18 tons	2188
2190	3"	guaranteed to	18 tons	2191	3"	guaranteed to	18 tons	2192
2194	3"	guaranteed to	18 tons	2195	3"	guaranteed to	18 tons	2196
2198	3"	guaranteed to	18 tons	2199	3"	guaranteed to	18 tons	2200
2202	3"	guaranteed to	18 tons	2203	3"	guaranteed to	18 tons	2204
2205	3"	guaranteed to	18 tons	2206	3"	guaranteed to	18 tons	2207
2208	3"	guaranteed to	18 tons	2209	3"	guaranteed to	18 tons	2210
2212	3"	guaranteed to	18 tons	2213	3"	guaranteed to	18 tons	2214
2216	3"	guaranteed to	18 tons	2217	3"	guaranteed to	18 tons	2218
2220	3"	guaranteed to	18 tons	2221	3"	guaranteed to	18 tons	2222
2224	3"	guaranteed to	18 tons	2225	3"	guaranteed to	18 tons	2226
2228	3"	guaranteed to	18 tons	2229	3"	guaranteed to	18 tons	2230
2232	3"	guaranteed to	18 tons	2233	3"	guaranteed to	18 tons	2234
2236	3"	guaranteed to	18 tons	2237	3"	guaranteed to	18 tons	2238
2240	3"	guaranteed to	18 tons	2241	3"	guaranteed to	18 tons	2242
2244	3"	guaranteed to	18 tons	2245	3"	guaranteed to	18 tons	2246
2248	3"	guaranteed to	18 tons	2249	3"	guaranteed to	18 tons	2250
2252	3"	guaranteed to	18 tons	2253	3"	guaranteed to	18 tons	2254
2256	3"	guaranteed to	18 tons	2257	3"	guaranteed to	18 tons	2258
2260	3"	guaranteed to	18 tons	2261	3"	guaranteed to	18 tons	2262
2264	3"	guaranteed to	18 tons	2265	3"	guaranteed to	18 tons	2266
2268	3"	guaranteed to	18 tons	2269	3"	guaranteed to	18 tons	2270
2272	3"	guaranteed to	18 tons	2273	3"	guaranteed to	18 tons	2274
2276	3"	guaranteed to	18 tons	2277	3"	guaranteed to	18 tons	2278
2280	3"	guaranteed to	18 tons	2281	3"	guaranteed to	18 tons	2282
2284	3"	guaranteed to	18 tons	2285	3"	guaranteed to	18 tons	2286
2288	3"	guaranteed to	18 tons	2289	3"	guaranteed to	18 tons	2290
2292	3"	guaranteed to	18 tons	2293	3"	guaranteed to	18 tons	2294
2296	3"	guaranteed to	18 tons	2297	3"	guaranteed to	18 tons	2298
2300	3"	guaranteed to	18 tons	2301	3"	guaranteed to	18 tons	2302
2304	3"	guaranteed to	18 tons	2305	3"	guaranteed to	18 tons	2306
2308	3"	guaranteed to	18 tons	2309	3"	guaranteed to	18 tons	2310
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2316	3"	guaranteed to	18 tons	2317	3"	guaranteed to	18 tons	2318
2320	3"	guaranteed to	18 tons	2321	3"	guaranteed to	18 tons	2322
2324	3"	guaranteed to	18 tons	2325	3"	guaranteed to	18 tons	2326
2328	3"	guaranteed to	18 tons	2329	3"	guaranteed to	18 tons	2330
2332	3"	guaranteed to	18 tons	2333	3"	guaranteed to	18 tons	2334
2336	3"	guaranteed to	18 tons	2337	3"	guaranteed to	18 tons	2338
2340	3"	guaranteed to	18 tons	2341	3"	guaranteed to	18 tons	2342
2344	3"	guaranteed to	18 tons	2345	3"	guaranteed to	18 tons	2346
2348	3"	guaranteed to	18 tons	2349	3"	guaranteed to	18 tons	2350
2352	3"	guaranteed to	18 tons	2353	3"	guaranteed to	18 tons	2354
2356	3"	guaranteed to	18 tons	2357	3"	guaranteed to	18 tons	2358
2360	3"	guaranteed to	18 tons	2361	3"	guaranteed to	18 tons	2362
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2384	3"	guaranteed to	18 tons	2385	3"	guaranteed to	18 tons	2386
2388	3"	guaranteed to	18 tons	2389	3"	guaranteed to	18 tons	2390
2392	3"	guaranteed to	18 tons	2393	3"	guaranteed to	18 tons	2394
2396	3"	guaranteed to	18 tons	2397	3"	guaranteed to	18 tons	2398
2400	3"	guaranteed to	18 tons	2401	3"	guaranteed to	18 tons	2402
2404	3"	guaranteed to	18 tons	2405	3"	guaranteed to	18 tons	2406
2408	3"	guaranteed to	18 tons	2409	3"	guaranteed to	18 tons	2410
2412	3"	guaranteed to	18 tons	2413	3"	guaranteed to	18 tons	2414
2416	3"	guaranteed to	18 tons	2417	3"	guaranteed to	18 tons	2418
2420	3"	guaranteed to	18 tons	2421	3"	guaranteed to	18 tons	2422
2424	3"	guaranteed to	18 tons	2425	3"	guaranteed to	18 tons	2426
2428	3"	guaranteed to	18 tons	2429	3"	guaranteed to	18 tons	2430
2432	3"	guaranteed to	18 tons	2433	3"	guaranteed to	18 tons	2434
2436	3"	guaranteed to	18 tons	2437	3"	guaranteed to	18 tons	2438
2440	3"	guaranteed to	18 tons	2441	3"	guaranteed to	18 tons	2442
2444	3"	guaranteed to	18 tons	2445	3"	guaranteed to	18 tons	2446
2448	3"	guaranteed to	18 tons	2449	3"	guaranteed to	18 tons	2450
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2496	3"	guaranteed to	18 tons	2497	3"	guaranteed to	18 tons	2498
2500	3"	guaranteed to	18 tons	2501	3"	guaranteed to	18 tons	2502
2504	3"	guaranteed to	18 tons	2505	3"	guaranteed to	18 tons	2506
2508	3"	guaranteed to	18 tons	2509	3"	guaranteed to	18 tons	2510
2512	3"	guaranteed to	18 tons	2513	3"	guaranteed to	18 tons	2514
2516	3"	guaranteed to	18 tons	2517	3"	guaranteed to	18 tons	2518
2520	3"	guaranteed to	18 tons	2521	3"	guaranteed to	18 tons	2522
2524	3"	guaranteed to	18 tons	25				

On inner side 20'-0" x 6'-0". 2'-6" copperfastened pins on oak framing & p. Board of Trade Section R
Diameter of Barrel and Tail Pipe 6" barrel 3" pipe
Capstan
Clarke Chapman 6" Steam and hand
Iron on top of Eng. R. Casino
om Skylights.—How constructed?
gements for deadlights in bad weather?

Openings.—How constructed? *Steel casings in fore & aft bridge provided with efficient deadlight*
Scuppers, and number and dimensions of freeing ports, &c. *4 scuppers on each side, four freeing ports on*
side 36" x 22" Height above deck? *18"*
How formed?—*with casings 3' 0" high*
No. 1 Hatch (Forward)

Web Plates, Shifting Beams, and Fore and Afters to each Hatch $N^{\circ} 1$ 120 webplate one fore & after; $N^{\circ} 2$ 3 fore & afters $N^{\circ} 3$, two webplates 3 fore & afters; $N^{\circ} 2$ steel plate

a correct description. **LINDHOLMENS VERKSTADS AVREBOL**
 nature, (here engr.)
 Sven, Olmqrst
 Surveyor's Signature,
 Surveyor to Lloyd's Register of British and Foreign Shipping.

ARTICULATES FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. or Break 80.5 ft., Bridge Dr. 10 ft., Frame 2 ft. (in feet and tenths) where the Poop is on top of a W R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly signed.

and Material of Deck (If Iron or Steel) and whether it is or partially covered with wood, and No. of tier of Beams (this information is to be given and should appear in the Register Book) 24

Official No. _____ Registrar General

PARTICULARS OF WATER BALLAST.—
 Double bottom, aft, length *36'-8"* and water capacity in tons *29.5*. Double bottom foreward, length *72'-6"* and water capacity in tons *55.7*.
 Double bottom, under engines and boilers, length *33'-6"* and water capacity in tons *55.7*. If liquid in Engines only, or Boilers only, state which.
 Double bottom, constructed on the cellular system, length *142'-2"* and water capacity in tons *73*.
 Fore peak tank, water capacity in tons *9*. After peak tank, water capacity in tons *9*.
 Other tanks, in foreward, length *142'-2"* and water capacity in tons *73*.

The above have _____ been tested as required by the Rules.
(If necessary, furnish further information by sketch.) *Current in bottom*

How are the surfaces preserved from oxidation? Inside *Two coats of enamel waste* Outside *Enamel + zinc*

Side if marked on Vessel's sides in accordance with letter No. 878

Fresh Water above the centre of disc	ins.
--------------------------------------	------

The amount of Entry Fee..... £ 3 : 0 : is received by me,
Special ... £ 30 : 5 : 18
*Certificate to be sent to *The Surgeon*

Certificate* £	:	:	
Travelling Expenses, if any £	:	:	

am of opinion this Vessel should be Classed No. 100 A1.
E. J. Waller
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

character assigned

same 1.99