



Date of Writing Report 2nd Jan 1905 When handed in at Local Office Dundee Port of Dundee

No. in Survey held at Dundee Date, First Survey 10th October Last Survey 28th Dec 1905
Reg. Book. 242 on the Steel S.S. "Electra" (No. of Visits) 36 Master V. F. Sparks - 02

TONNAGE:- Built at Glasgow By whom R. Napier & Sons When 1885
GROSS 1249 Owners Eastern Telegraph Co. Ltd Port belonging to London
UNDER DE. 484 Owners' Address London
NET 656 (if not already recorded in Appendix to Register Book.)

Particulars of Classification *(which must be inserted precisely as in Register Book & Supplements).*

CHARACTER. * For Special Survey. Date of last Survey and of Periodical Surveys	Year Assessed and now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
 100 A1 Tier ing deck with freeboard 10:02		 LMC 1-02 BS 8:04.

owning deck with freeboard	10.02	12.96	10.02	8.04
55 LON	N ^o 3	12.96	10.02	8.04
55 LON	N ^o 1	10.02	10.02	8.04

Society's Freeboard (if assigned) as painted on Ship and now verified } 7' ft. 2 1/2 ins.

REPAIRS, OR EXAMINATION AS PER RULE, FOR Special Survey No 2 :-

Vessel placed in dry dock, bottom cleaned; all oxidation removed from outside surface of plating: rudder lifted & gudgeons bushed: Bottom keel, rudder &c examined and found in good condition. Holds, peaks and bunkers cleared and all boilers removed; all close and spar ceiling removed and ballast tanks cleaned out: all oxidation removed from all parts internally. Examined all frames floors plating, deck beams, stringers, keelsons, shell plating, cement &c in peaks, holds bunkers, E & B space, ballast tanks, cable tanks, decks, bulkheads and all found or put in good condition. All ballast tanks tested as per Rule and found satisfactory: Examined plating in way of side lights, chain cables (ranged) anchors, mast (wedges out) spars, rigging, shives, watertight doors, hand pumps, steering engine, steering chains

SUMMARY OF DAMAGE REPAIRS :—		Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items :—
Renewed	...								
Removed and Fair'd or Repaired	...								
Fair'd or Repaired in place	...								

PRESENT CONDITION OF THE		Stringers	Dblg. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels
Decks	good	Inner Bottom Plating	now fitted	(State if on Fell.)
Caulking of Decks	"	State if Tanks have been examined inside	good	When put on, Month
Waterways	"	State if Tanks now tested	"	Year
Coamings	"	Bulkheads	"	Boats
Beams & Fastenings	"	Ceiling	"	Masts, Yards, &c.
Outside Plating	"	Cement on bulk Cement	"	Condition, how ascertained
Caulking of ditto	"	Rudder	"	(State if wedges removed)
Rivets	"	Windlass	"	Sails
Breasthooks & Crutches	"	Have Pumps now been examined and found efficient?	"	Equipment letter
Transoms	"	Have Sluice Valves now been examined and found efficient?	"	Anchors, No. of
Frames	"	Have Watertight Doors now been examined and found efficient?	"	Cables (State if now ranged)
Reverse Frames	"	Salting	"	" length
Floors	"	(State if examined.)	"	" (on board)
Keelsons	"		"	" Ditto length
			"	" (per Table 22)
			"	Hawsers & Warps
			"	Standing & Running Rigging

General Observations, Opinion as to Class, Recommendation, &c.:—

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:—".....to remain as now classed in the Register Book *without fresh record of Survey*," "to remain as classed and to have record of survey, 198," or "to remain as classed and to have record of survey, 198, and the notations of *ss No. 1-98 and ptND98, &c.*"

This vessel is now in a good and efficient condition and eligible in my opinion to remain as classed with record of survey 12-05, the notation of S.S. Dun N^o 2-05, and part new deck pt. ND-05-

Office Fee (if chargeable) *per Scale II., Sec. 27* £

Survey Fee (per Section 28)£

Special Damage or Repair Fee (if any) £

Travelling Expenses (if chargeable) £

Fees applied for,

2-Jan 1901

Received by me,

10/19

Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute

Character Assigned

awa dk wsl fld + 2 mb 12.03
hmdos - P.I. N. 2. 03 + R. 13 12.03

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Hoyd's Register

DUM130B-0132 (1/2)

Rpt. 9a.

(2)

Port of Sunder Continuation of Report No. 7119 dated 2^o Jan 06 on the

S. S. "Electra" (Hull)

chains, rods, pins sheaves; hatch four afters, hatches, and all found or put in good condition

The survey now held, has been equal to the requirements of the Rules for Second S. S. No 3 except that the survey has not been held by two surveyors and the shell plating has not been drilled for thickness. The Owners representative however does not wish this survey to be considered as an S. S. No 3.

The following repairs have now been satisfactorily carried out and were considered necessary on account of Wear & Tear:-

Teak awning deck planking renewed with 2 1/2" teak from fore end
 of aft saloon right-forward, except in small deck houses or about 3/4th
 of the deck renewed: Main deck sheathing renewed from fore end of
 aft saloon right-forward with 3" pilot pine except alleyway at sides of
 Engine & Boiler space which has been sheathed with bitumilo and galley
 which has been cemented: all iron work of main and awning decks chipped
 examined and painted before planks were re-laid: One strake of main
 deck plating on each side & next engine and boiler space renewed: main
 deck plating under donkey boiler renewed: Boiler casing craming at main
 deck renewed also coamings of side houses in way of boiler ^{space} renewed:
 7 floors under boilers renewed with 7/16 iron and double reverse frames 3x3x7/16:
 one floor in boiler space doubled for about 5 ft: floor at fore end of engine
 space ballast-tank renewed: 2 lower deck beams & one main deck beam in
 bunker partly renewed: lower part of bunker bulkhead renewed: new boiler
 stools fitted: a number (about 12) reverse frames in bunker & 9x13 space
 fitted with face plates: 2 15"x9/16 web fitted on each side about centre
 of aft Ballast-tank as compensation for wasted frames and rev-frames
 and all reverse frames in this tank fitted with face plates: 14 tunnel
 stiffeners (tunnel carried through tanks) in the two aft ballast-tanks doubled,
 and two stiffeners on tank division bulkhead renewed: awning deck sheathing
 doubled on both sides at stem for about 30 ft with 24"x9/16 doubling:
 all half round mouldings on skull landings at fore end renewed:
 Chain cables examined 9 lengths found satisfactory (1 15/32 to 1 1/2) and 8 lengths
 found worn below the rule requirements; these have now been replaced
 by 8 lengths of new cable as per particulars on next page: Both
 hawse pipes renewed: windlass, hand pumps, sluices and watertight
 doors overhauled and put in good condition: 2 new life boats
 supplied: Position of several boats altered and new davits with webster
 blocks &c fitted for steam launch: all close ceiling in fore hold
 and part of ceiling on tank tops renewed: Main and awning decks
 caulked, payed and tested with hot and found satisfactory:
 linings of cabins and state rooms, at ship's sides nearly all removed
 and ship's sides cleaned, scaled and painted: vessel coated either with

5. (110).—5-2-01.—T.

created either with 1/21 13303/21

with paint - or black composition inside and outside: steering chains annealed and several steering rods, pins and sheaves renewed, and a number of minor repairs effected.

A refrigerating chamber of 250 cubic feet capacity, insulated with silicate cotton has been fitted on the main deck for the use of the ship's stores.

W^m Morrison

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors. #	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.			
	1st Bower ...															
	2nd "															
	3rd "															
	Collection Weight.															
	Stream															
	Kedge.....															

• When a bower anchor is supplied it must be clearly stated whether it is a 1st 2nd, or 3rd bower.

CHAIN CABLES.

[illegible]

Wm Morrison

... of the water is not so much damaged as to spread the ink, or to cause it to show through to the other side.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.