

## REPORT of SURVEY for REPAIRS, &amp;c.

Date of writing Report 4 Feb 11 When handed in at Local Office 4/2/11 Port of Glasgow  
 No. in Survey held at Glasgow Date, First Survey 14<sup>th</sup> Dec 10 Last Survey 31<sup>st</sup> Jan 11  
 Reg. Book. 406 on the Wood, Iron or Steel J. S. S. "Land Grouse" Master Randall  
 By whom W. Simons & Co. Ltd. When 1909-6

TONNAGE:-  
 GROSS 2061  
 UNDER DEK. 1927  
 NET 1291

Built at RenfrewBy whom W. Simons & Co. Ltd.When 1909-6Owners Govt of Southern NigeriaPort belonging to Lagos

Owners' Address

If not already recorded in Appendix to Register Book.

Surveyed Afloat or in Dry Dock

Name of Dock Elderslie & Renfrew Destined Voyage Lagos

WB=Cell DBor DBa

feet; uE&amp;B

feet; f

feet; }

total capacity

tons. FPT

tons; APT

tons; MT

feet

tons.

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

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned to the Survey.	Machinery and Boiler Surveys (including date of N.B., if any).
+ A1 Hopper Dredger 6.09.		+ LMC 7.09.

N.B.—All alterations in the existing records should be underlined.

If the vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Last Report, No. 65727 Port Lev

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 summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported, the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

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? Report made Was a damage report made by anyone else? If so, by whom? ✓

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage stated to have been caused by  
grounding on the Bar at Lagos on 28<sup>th</sup> Sept. 1910; & Alterations.  
Damage repairs now done.

Kel plate no. 3. removed, faired, and replaced.

Shell, Starboard side, — 22 plates renewed viz. — A2, A3, A19, B3, B16,  
C3, C16, C17, D16, E9, E10, E11, E12, E13, E14, E15, F10, F11, F12, F13,  
F14, F15.

10 plates removed, faired, and replaced, viz. —

A16, A17, A18, B2, B17, B17 doubling, CH, DH, D15, D17.

4 plates faired in place, viz. — C12, D3, D13, D14.

Shell, Port side. — 5 plates renewed viz. — A2, A15, B16, C15, D14.

## SUMMARY OF DAMAGE REPAIRS:—

	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:—
Renewed	29	16 parts	—	1 part	✓	✓	✓	Rivets, overhauled and
Removed and Faired or Repaired	17	—	—	1	✓	✓	✓	deck repairs, etc.
Faired or Repaired in place	7	71	16	18	✓	✓	✓	

## PRESENT CONDITION OF THE

Decks	Good	Stringers	Good	Dblg. Plates under Sounding Pipes	Yes	Copper, or Y.M. of Wood Vessels	(State if on Felt.)
Caulking of Decks	"	Inner Bottom Plating	—	Engine Room Skylights	Good	When put on, Month	Year
Waterways	"	State if Tanks have been examined inside	—	Coal Bunkers, Open'gs, Lids, &c.	"	Boats	Good
Coamings	"	State if Tanks now tested	—	Scuppers	"	Masts, Yards, &c.	"
Beams & Fastenings	"	Bulkheads	Good	Cargo Hatchways	"	Condition, how ascertained	from dk.
Outside Plating	"	Ceiling	"	Hatches	"	(State if wedges removed)	No.
Caulking of ditto	"	Cement or Asphalt	"	Planking of Wood Vessels	ditto	Sails	✓
Rivets	"	(State which.)	"	Caulking	ditto	Equipment letter	Y.
Breasthooks & Crutches	"	Rudder	"	Treenails	ditto	Anchors, No. of	12 anchors.
Transoms	"	Steering gear and its connections	"	Breasthooks & Stemson	ditto	Cables (State if now ranged)	75 lbs. only
Frames	"	Windlass	"	Transoms, Pointers, & Crutches	ditto	" length (on board)	✓
Reverse Frames	"	Have Pumps now been examined and found efficient?	✓	Timbers of Frame at openings	ditto	" Rule length (per Table 30 or 31)	138
Floors	"	Have Sluice Valves now been examined and found efficient?	✓	Ditto ditto at other places	ditto	Hawser & Warps	Good
Keelsons	"	Have Watertight Doors now been examined and found efficient?	✓	Stringers, Clamps & Shells	ditto	Standing & Running Rigging	Good
				Salting	ditto		

## General Observations, Opinion as to Class, Recommendation, &amp;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, 1,09," or "to remain as classed and to have record of survey, 1,09, and the notations of ss No. 1-09 and ptND09, &c."

This vessel is eligible in my opinion to remain as classed,  
with fresh record of survey 1,11; and to have notation of drp. 11;  
record of deep ballast tank to be expunged from R.B.

Survey Fee (per Section 25) £

Special Damage or Repair Fee (if any) £

Travelling Expenses (if chargeable) £

Second Surveyor's Fee (if any) £

Fees applied for,

4/2/11

Received by me,

9/2/11

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

Committee's Minute

Character Assigned

Glasgow

7 FEB 1911

A1

Hopper Dredger

Note W.B. record.

+ LMC 1,11.

D.R.P.

W1581-0047-2

Lloyd's Register Foundation



Shell, Port side contd.

6 plates removed, faired, and replaced, viz. -

A16, A17, A18, B17, D13, D16.

1 plate faired in place, viz. - C12.

Doubling plate fitted over A19 on Port & Starboard sides,

(Note - all plates numbered from aft.)

2 plates on pipe well sides faired in place; 16 frames on starboard side cropped and part renewed; 71 frames on starboard side faired in place; 16 reverse frames on starboard side faired in place; 18 floors on starboard side faired in place; 1 floor on starboard side removed, faired & replaced; 1 bulkhead floor on starboard side cropped, and part renewed; riveting of 12 floors to frames on Port side, and 14 on starboard side cut out and renewed; all defective shell rivets in way of damage cut out and renewed; rudder lifted and examined and packing in deck gland renewed; screen bulkhead at after end of engine room faired & pillar in way of same faired & rivetted; one bent pillar in way of bearing block on starboard side removed, faired & rivetted; belting across bow part renewed; two hawsepipes renewed; starboard bow roller fairlead rebbed & refastened; starboard belting amidships part renewed, and face bar refastened; steering engine overhauled and steering chains renewed;

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 30 or 31.			Description of Anchor.	Makers.	Where and when tested Superintendent.
		Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.			
	1st Bower ...																
	2nd "																
	3rd "																
	Collective 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. Re-tested.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 30 or 31.		Description.	Makers of Cables.	When and where tested and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Table 30 or 31.	Length.	Diam.			
	Fathoms.	Ins.	Tons.	Tons.	Owts. qrs. lbs.	Owts. qrs. lbs.	Fathoms.	Ins.			
3097	75½	1 7/8	63½	88½	129-0-6	-	-	-	Stadlink	-	22/2/0 Glasgow B. Redhouse
Iron Steam Chain } or Steel Wire... }											

broken and defective cement in bottom cut out and renewed; all new work recoated; bottom and rudder cleaned and recoated; and sundry minor deck repairs; five lengths of chain cable were sent to Proven House to be re-tested, for results see above; Freeboards verified.

Alterations to make room for additional machinery in Pump room. - The trimming tank at forward end of pump room has been removed, and a web frame



Port of

Glasgow

Continuation of Report No.

29729

dated

4 Feby. 1911

on the

S. S. "Sand Grouse"

been fitted on frame 107 P. & S., the web frame side stringers have been extended to the watertight bulkhead on frame 110; two additional openings have been made in the deck, having casings and deck doubling plates as per approved plan which is forwarded herewith; suitable seating has been constructed for the new pumping machinery which will be fitted on board at Lagos; the new deck opening on Port side is closed with backed steel plates, and the opening on Starboard side by a strong teak skylight. See London letter M 23 Dec. 1910.

W.D.