

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 19 When handed in at Local Office 19 Port of CALCUTTA
 No. in Reg. Book. Survey held at Sonachara, Pakistan & Calcutta Date, First Survey 31st Jan Last Survey 9th Dec. 19 52
 (No. of Visits 8)

95416 on the Wood, Iron or Steel 55 "KARATOYA" ex "MANGAL"
 TONNAGE:— Built at Newcastle-on-Tyne By whom Messrs. Clelands (Successors) When 1952 12
 GROSS 546 Owners India General Nav. & Rly Co. Ltd., erected by I.G.N. & Rly Co. Ltd.
 UNDER DK. 3/4 546 Managers / Port belonging to LONDON
 NET /

Surveyed Afloat or in Dry Dock? / Name of Dock / Destined Voyage /
 WB=Cell D Bor D Ba feet; uE&B feet; f feet
 total capacity tons. FPT tons; APT tons; MT feet tons.

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. 15378 Port Cal.

(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 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 to whom and why they were declined.

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Re-erection and Assignment of Freeboard.
 Built by Clelands (Successors) Ltd. Yard No. 158.

NOW DONE:- Examined during re-erection and fitting, out, all material and workmanship of good quality.
 Fresh water tank aft tested under pressure, bottom shell flood tested, bulkhead, deck and steel hatch covers hose tested and all found satisfactory.
 Windlass, Steering Gear and Auxiliary Steering Gear examined tried and found satisfactory.
 Bilge suction and pumps, examined tried and found satisfactory.
 Anchors and cables examined shipped and certificates endorsed, Certificates checked with 1st entry report and endorsed.

Note. Cargo battens not fitted.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items:—
Renewed ..								
Removed and Faired or Repaired ..								
Faired or Repaired in place ..								

PRESENT CONDITION OF THE

Decks .. <i>good</i>	State if Tanks have been examined inside <i>yes</i>	Air and Sounding Pipes .. <i>good</i>	Copper, or Y.M. of Wood Vessels ..
Caulking of Decks .. <i>good</i>	State if Tanks now tested <i>yes</i>	Dbng. Plates under Sounding Pipes .. <i>good</i>	(State if on Felt.)
Coamings .. <i>good</i>	Bulkheads .. <i>good</i>	Engine Room Skylights ..	When put on, Month .. Year ..
Beams & Fastenings .. <i>good</i>	Ceiling .. <i>good</i>	Coal Bunkers, Open'gs, Lids, &c. ..	Boats .. <i>good</i>
Outside Plating .. <i>good</i>	Cement or Asphalt (State which.) .. <i>none</i>	Oil Bunkers ..	Masts, Yards, &c. .. <i>good</i>
in way of sidelights <i>good</i>	Rudder .. <i>good</i>	Scuppers .. <i>good</i>	Condition, how ascertained <i>from Deck during erection</i>
Breasthooks ..	Steering gear and its connections .. <i>good</i>	Cargo Hatchways .. <i>good</i>	(State if wedges removed)
Transoms ..	Windlass ..	Hatches ..	Sails ..
Frames .. <i>good</i>	Have pumps now been examined and found efficient? <i>yes</i>	Planking of Wood Vessels ..	Equipment letter ..
Reverse Frames .. <i>good</i>	Have Sluice Valves now been examined and found efficient? ..	Caulking .. ditto ..	Anchors, No. of .. 4 Bowers.
Longitudinals ..	Have Watertight Doors now been examined and found efficient? ..	Treenails .. ditto ..	Chain Locker .. <i>good</i>
Transverses ..	Have Ventilators and their Coamings been examined and found efficient? <i>yes</i>	Breasthooks & Stemson .. ditto ..	Cables (State if now ranged) <i>yes</i>
Floors .. <i>good</i>		Transoms Pointers & Crutches ditto ..	Length 270 fms mean diam. 1 1/2"
Keelsons .. <i>good</i>		Timbers of Frame at openings ditto ..	(on board)
Stringers .. <i>good</i>		Ditto Ditto at other places ditto ..	Rule length 270 fms size 1 1/2"
Inner Bottom Plating ..		Stringers, Clamps & Shelves ditto ..	Hawser & Warps .. <i>sufficient</i>
		Salting .. ditto ..	Standing and Running Rigging <i>good</i>
		(State if examined.)	

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:—
 or "to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,2,4,"
 or "to remain as classed and to have record of survey, 1,2,4, and the notations of ss. No. 1-24 and ptnd 24, &c."

This barge has now been re-erected and it is submitted that she be classed +100 A1 Barge "with Free board" for Coastal service between Chittagong & Dacca..

Survey Fee (Per Section 29) Re-erection Rs.1500/-
 Special Damage or Repair Fee (if any) F'd Assign. Rs.525/-
 (Per Sec. 29) Rs.150/-
 Travelling Expenses (if chargeable) Rs.75/- (Tonnage)
 Second Surveyor's Fee (if any)
 Survey of tonnage Measurement Rs.210/-
 Committee's Minute
 Character Assigned

Fees applied for,
 27-12-19 52

Received by me,
 19

E. Grievs & W. Blackwood
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character Assigned

+100A1 Barge. For Coastal Service between Chittagong & Dacca
 10.52 Cal.
 Lloyd's A.C.P.
 Cargo battens not fitted
 Note for S.K.L.

W. B. Blackwood

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

El Stockless. state Mechanical Tests

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

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N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.