

# REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 15<sup>th</sup> July 1937. When handed in at Local Office 20-7-1937 Port of Barrow  
 No. in Survey held at Burkenhead Date, First Survey 8<sup>th</sup> July Last Survey 9<sup>th</sup> July 1937  
 Book 31205 on the Wood Iron or Steel Twin Sc. "ORCADES" (No. of Visits)

TONNAGE:— Built at Barrow By whom Nickers Armstrongs Ltd When 1937 YEAR MONTH  
 GROSS 23400 Owners Orient Steam Navigation Co Ltd Owners' Address  
 UNDER DECK Managers Port belonging to London

Surveyed Afloat or in Dry Dock? Dry Dock Name of Dock Cammell Lairds Destined Voyage Trials  
 "B"=Cell DBorDBa 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 thickness of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.

Latest Report, No. \_\_\_\_\_ Port \_\_\_\_\_

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.

Where 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

CHARACTER, &c. for Special Survey. Date of last Survey and of Periodical Surveys.	Year Assigned now restored.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1.</u>		
<u>with freeboard</u>		
<u>Class contemplated</u>		

Society's Freeboard (if assigned) as painted on Ship and now verified } \_\_\_\_\_ ft. \_\_\_\_\_ ins.

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Docking:-

Now Done: Vessel placed in dry dock bottom and rudder cleaned examined and recoated  
 Launching cradle brackets at fore end removed and bolts replaced by rivets.  
 The bottom plating was found to be scored, alleged to have been caused by the vessel riding over some submerged object during a gale after the launch on 1<sup>st</sup> December 1936.  
 The scoring ran longitudinally on each side from fore end intermittently to the after end, and had a maximum depth of about 1/32". Same now examined with Owners' and Builders Representatives. After the scores had been buffed the plates were considered to be satisfactory. In my opinion the efficiency and class of the vessel are unaffected and no further action is necessary.

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

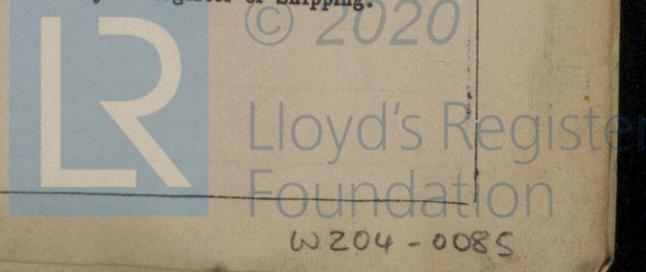
PRESENT CONDITION OF THE	State if Tanks have been examined inside	Air and Sounding Pipes	Copper, or Y.M. of Wood Vessels (State if on Felt). When put on, Month Year.
King of Decks	State if Tanks now tested	Dblng. Plates under Sounding Pipes	Boats
Rings	Bulkheads	Engine Room Skylights	Masts, Yards, &c.
Rods & Fastenings	Ceiling	Coal Bunkers, Open'gs, Lids, &c.	Condition, how ascertained (State if wedges removed)
Side Plating	Cement or Asphalt (State which.)	Oil Bunkers	Sails
" in way of sidelights	Rudder	Scuppers	Equipment letter
Stanchions	Steering gear and its connections	Cargo Hatchways	Anchors, No. of
Stays	Windlass	Hatches	Chain Locker
Rise Frames	Have pumps now been examined and found efficient?	Planking of Wood Vessels	Cables (State if now ranged)
Longitudinals	Have Sluice Valves now been examined and found efficient?	Caulking ditto	" length (on board) mean diamr.
Transverse	Have Watertight Doors now been examined and found efficient?	Treenails ditto	" Rule length size
Stays	Have Ventilators and their Coamings been examined and found efficient?	Breasthooks & Stenson ditto	Hawser & Warps
Bottom Plating		Transoms Pointers, & Crutches ditto	Standing and Running Rigging
		Timbers of Frame at openings ditto	
		Ditto Ditto at other places ditto	
		Stringers, Clamps & Shefts ditto	
		Salting (State if examined.) ditto	

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, 1,24," or "to remain as classed and to have record of survey, 1,24, and the notations of ss No. 1-24 and ptd24, &c."  
The above is forwarded for the information of the Committee.

Fee (per Section 29)	£	Fees applied for,	19
Damage or Repair Fee (if any) per Sec. 29)	£	Received by me,	19
Printing Expenses (if chargeable)	£		
Surveyor's Fee (if any)	£		

TUE. 27 JUL 1937  
 Committee's Minute  
 Character Assigned See F. B. report

*J. Hodgson*  
 Surveyor to Lloyd's Register of Shipping.



Is Certificate required? If so, to be sent to