

Rpt. 8

WRECK
SECTION

Port C A R D I F F

No. 60204

Date of writing Report 19th Aug. 1957

When handed in at Local Office 21 Aug. 1957

Received London

22 AUG 1957

Survey held at C A R D I F F

No. of Visits 11

First Date 5th July 1957

Last Date 15th Aug. 1957

REPORT OF SHIP SURVEYS AND REPAIRS

The Surveyor's attention is drawn to the relevant requirements of Chapters B & C of the Rules.)

No. in R.B.

28850

on the ~~Iron~~ Steel M.S.

"SOLARIUM"

Tons gross 6239

Year 1936

Month 9

Built at Monfalcone

By Whom C.R.D. Adriatico.

When 1936

Owners Shell Petroleum Co., Ltd.

Owners' address
(If not already in R.B.)

Managers

Port of Registry London

Surveyed Afloat or in Drydock Both

Name of Dock Roath Dock & Bute Dry Dock.

Date of last examn. in Drydock 25.7.57.

N.B.—Any alterations in existing particulars in the Register Book should be reported and underlined.

Last Report: No. 134376

Port Roath

To be filled in at Head Office.

Particulars of Classification (which must be inserted precisely as in Register Book and Supplement)

Surveys must be reported in the terms of the Rules. The nature and extent of Examinations and Repairs (if any) must be stated in detail, the parts examined and their condition being clearly indicated. For Annual, Special or other Condition Surveys the Summary of Examination and Condition on the back of the Report is to be carefully completed and amplified if necessary in the body of the Report. Outstanding items to complete the Survey should be summarised at the end of the Report. The reasons for Repairs must be stated. Repairs on account of Damage (the alleged 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 below. When, at a Special Survey, the Shell and Deck Plating is drilled the results must be reported on Report 8(Dr). Whenever Anchors or Chain Cables are replaced or retested the necessary particulars are to be given on Report 8(Eq) which is to be attached to this Report.

Give dates and references to any letters relating to this Report

Classn (H) 18.6.57.

SHIP'S CLASS
Date of Special and of Drydocking Surveys, etc.

Machinery

100 A1
Carrying petroleum in bulk.
8-56
S.S. Shl 2-53

LMC

CS 2-53

d 8-56

CL 8-56

sps 2-53

Mchy. aft.

In damage cases where the Surveyor has not made a special damage report he should state whether he offered

his services for this purpose and to whom and why they were declined. Yes. To Owners'

Freeboard as marked on ship and now verified

ft. ins

Superintendent but not required.

Was a damage report made by anyone else? If so, by whom? No.

EXAMINATION AND REPAIRS AS PER RULE FOR Annual Docking, Damage & General Examination for postponement of Special Survey.

Damage - stated to have been sustained (1) due to vessel's stern swinging on to quay in Roath Basin when leaving dry dock on 27.7.57. (2) due to vessel being touched lightly on starboard bow by s.s. "SARBISTAN" whilst latter vessel manoeuvring in Roath Dock on 12.8.57.

Damage 1

Found - Wire lashing holding rudder amidships (rudder not connected up after repairs) carried away.

Now done:-

Rudder examined by diver who stated no apparent damage.

Steering gear and rudder tested hard over to hard over and found satisfactory and working freely.

SRL (addition)

Rudder to be specially examined at next dry docking.

Damage 2

Found - No apparent damage except slight score marks on forecastle head. CONTINUATION OVER/OR SHEET 2 rubbing band & securing eye for foremast forestay on stem bar top slightly buckled.

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

Has a Survey also been held on machinery of the Ship?

Yes

Is Classification Certificate required? If so, to be sent to

No.

If so, is the Report sent now, or when will it be sent?

Now

Has Interim Certificate been issued?

Yes

GENERAL OBSERVATIONS, OPINION AND RECOMMENDATION AS TO CLASS

State clearly what alteration, if any, is suggested to be made in the existing Classification or Survey or other records of the Ship in the Register Book consequent upon this survey; for example:—"to remain as Classed in the Register Book without fresh record of Docking"; "to remain as Classed and to have record of drydocking 1.55"; and the notation of S.S. . . . 1.55".

This vessel, so far as now seen, is in good condition and eligible in my opinion to remain as classed with fresh record of Docking 7-57 subject now to rudder being specially examined at next dry docking.

John Wormald

Surveyor to Lloyd's Register of Shipping

Date of Committee

TUESDAY 17 SEP 1957

Minute

None Wk off (m)

Noted for Header

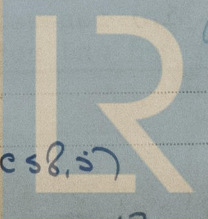
Deferred for ss (Postponement until)

2.58 approved

but 25.7.57, Subject (Helm)

(with Indent)

(Was record withheld)



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Lloyd's Register

005512-005517-0674

TABLE 1

Gen. Examn. for
PARTS OF THE SHIP AS INDICATED BELOW HAVE BEEN EXAMINED FOR Annual Docking & postponement of Special Survey

Items	Now Examined YES NO or NONE	Tanks	Now Examined Internally	Now Tested
Shell plating, sternframe and rudder cleaned, examined and recoated in drydock	Yes	F.P. Tank	Yes	Yes
Rudder lifted	Yes	A.P. "	Yes	Yes
Weather Decks, Superstructures and Casings	Yes	D.B. Tanks (indicate Oil Fuel and Cofferdams)	(Piston cooling water, cofferdams & gas diesel oil tanks)	
Hatchways, Covers, closing and securing appliances	Yes		Yes	Yes (lub. oil tanks)
Ventilator coamings, skylights, companionways and closing appliances	Yes	Fresh Water Tanks	No	No
Holds	Yes	Deep Tanks	No	No
Tween Decks	Yes	Oil Fuel Bunkers and Settling Tanks	Yes	Yes
Fore Peak Spaces	Yes	Side Tanks	No	No
After " "	Yes	Wing Tanks	No	No
Engine Space	Yes	Other Tanks	No	No
Boiler " "	Yes	Cargo Tanks (Tankers)	Yes	Yes
Under Engines and Boilers	Yes			
Tunnel and Well	Yes	Cofferdams	Yes	No
Coal Bunkers	None	Pump Rooms	Yes	No
Chain Locker	No			
Other Spaces	No			
		Have Tanks now Examined been Cleaned as Necessary?	No	
		Have Struts in Cargo Tanks (of Tankers) been removed?	No	
		Have Tanks been Retested as necessary after completion of any Repairs?	No	

Have the spaces now surveyed been cleared and cleaned as necessary? No

Have the close ceiling and cargo battens, linings, pipe casings, etc., been removed and replaced as required by the Rules? No

Have the bilges been cleaned out and examined? No

Has steelwork had rust removed and afterwards been recoated as necessary? No

Were inspection plugs or any insulation removed in insulated spaces for examination of steelwork? None

Has a Load Line Survey been held? No If so, state which

Have the shell and deck plating been drilled as per Rule? No If so, Report 8(Dr) to be attached

Have any alterations to the approved scantlings and arrangements now been effected? No If so, report details in body of Report.

NOTE:—Indicate which compartments and/or tanks have been examined or tested by giving the identification numbers and inserting the word "Yes", e.g. Holds: Nos. 1, 2 & 3—Yes; or All—Yes.

TABLE 2

The present condition of the following parts in so far as examined is to be reported:—

Shell plating	Good	Ceiling and Cargo Battens	None	Sluice Valves examined and found	Not exd.
" " in way of side scuttles	Not exd.	Cement or Asphalt	Not exd.	Air and Sounding Pipes	Good
Rudder and Sternframe (See report)	Good	Cargo and other Hatchways	Good	Doubling Plates under Sounding Pipes	Good
Decks	Good	Hatches and closing appliances	Good	Masts and Rigging examined and found	Good
Superstructures and their closing appliances	Good	Ventilators, their coamings and closing appliances	Good	Condition, how ascertained (State if wedges removed)	from deck
Coamings and Casings	Good	Companionways and Skylights	Good	Chain Locker	Not exd.
Beams and Fastenings	Good	Shell Openings	Good	EQUIPMENT	
Frames	Good	Ash Shoots	None	Equipment Letter	✓ at
Reverse Frames	Good	Overboard Discharges and Scuppers	Not exd.	Anchors, No. of 3B 18	Condition Good
Longitudinals	Good	Freeing ports	None	Cables (State if now ranged and examined)	Yes
Transverses	Good	Steering Gear (Main and Auxiliary)	Good	" length 270 fms mean diam. 2 1/2"	
Floors	Good	examined and found	Good	" Rule Length 270 fms Size 2.5/16"	
Keelsons	Good	Windlass examined and found	Good	Hawsers and Warps	Good
Stringers	Good	Pumps " " "	Not exd.	State if any Anchors or Chain Cable have now been supplied or retested, if so,	No
Inner Bottom Plating	Good	W.T. Doors " " "	None	complete Report 8(Eq) and attach.	
Bulkheads and Tunnel	Good				

Have conditions (A) or endorsements (B) of Class (if any) been dealt with? A - None See Below and previous page for additions.
B - No. See Page 2 for "Endorsement".

REMARKS, REPAIRS, Etc. (Contd.) Damage 2 (Contd...)

Nothing done at this time.

L.B. Forecastle spaces are accommodation for Chinese crew. No opening up was carried out but careful examination revealed no obvious distortion, buckling or damage to shell plating or internals.

It is submitted that owing to very minor nature of this damage, this item be noted but it is not considered to be of sufficient extent to be classed as Endorsement B.

Now done for Wear & Tear Repairs. Rudder lifted and gudgeons rebored and all pintles (with exception of heel pin) renewed and rebushed. Taylor Pallister bearing removed, male and female halves machined and refitted. Contd....

Survey Fee Gen. Examn. £50. 0. 0. Second Surveyor's Fee (if any)
Wear & Tear Rpr. £21. 0. 0.
Special Damage & Repair Fee (if any) £5. 5. 0. Date when A/c. Rendered 21st Aug 1954
Travelling Expenses (if chargeable) ✓

22 AUG 1957

Rpt. 9a

Port of CARDIFF.

Continuation of Report No. 60204 dated 21st Aug 1954 on the

-2-

"SOLARIUM"

Wear & Tear Repairs (Contd...)

F 1 shell plate in way of forecastle space, part doubled where wasted.

Aft end of forecastle head deck doubled where wasted.

Endorsement B

Shell plate F 11, G 11 & H 11 (ps) also F 3 (ss) indented, plating specially examined at this time and considered to remain efficient.

In view of the General Examination carried out at this time, it is submitted that Owners' request for postponement of Special Survey, until February, 1958, merits the favourable consideration of the Committee.

