

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 8. 10. 51 When handed in at Local Office 11 OCT 1951 Port of LIVERPOOL
 No. in Reg. Book 03126 Survey held at BIRKENHEAD Date, First Survey 6/6/51 Last Survey 20/9/51 1951
 on the Wood, Iron or Steel S.S. "BENIN PALM" (No. of Visits 31)

TONNAGE: GROSS 5424 UNDER DK 4447 NET 3203
 Built at Wesermund-G By whom Deutsche Sch-u-Mschb. A.G When 1936
 Owners Palm Line, Ltd. Owners' Address See Beck
 Managers - Port belonging to Liverpool

Surveyed Afloat or in Dry Dock? BOTH Name of Dock CAMMELL LAIRDS Destined Voyage _____

Cell DBor DBa _____ feet; uE&B _____ feet; f _____ feet
 total capacity _____ tons FPT _____ tons; APT _____ tons; MT _____ feet _____ tons.
 Only alterations in the existing records of tanks should be inserted.

N.B.—All alterations in the existing records should be underlined.
 Last Report, No. 107689 Port Muo

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. Machinery and Boiler Surveys (Including date of N.B., if any).
100A1 with fbd. LMC 9,46
9,50 BS 11,49
sslth.-9,46 TS CL.(N)3,49
 Carrying veg. oil etc. in deep tank
 Fitted for oil fuel 10,37 F.P.
 above 150' F.
 Society's Freeboard (if assigned) as painted on Ship and now verified } 1 ft. 1 1/2 ins.

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.

REPAIRS, OR EXAMINATION AS PER RULE, FOR SPECIAL SURVEY - ALTERATIONS - LOAD LINE RENEWAL SURVEY.

How Done for Special Survey.

Vessel placed in dry dock. Shell plating and rudder (lifted) cleaned, examined and found or placed in good condition and re-coated.
Examined:-
Holds & bilges, tween deck spaces, engine & boiler room spaces including structures under boilers, bunkers (see alterations) chain locker, fore peak tank internally, fore peak spaces, after peak tank internally, after peak spaces, all double bottom tanks and cofferdams internally, deep tank internally,

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

PRESENT CONDITION OF THE		Bulkheads		Engine Room Skylights		Copper, or Y.M.	
Decks <u>good</u>		<u>good</u>		<u>good</u>		(State if on F.P.)	
Caulking of Decks		Celling		Coal Bunkers, Openings, Covers, &c.		When fitted, Month	Year
Coamings		Cement or Asphalt		Oil Bunkers		Boats	<u>good</u>
Beams & Fastenings		Rudder		Scuppers		Masts, Yards, &c.	
Outside Plating		Steering gear and its connections		Cargo Hatchways		Condition, how ascertained <u>By Examination</u>	
" " In way of sidelights		Windlass		Hatches		Equipment letter	<u>at</u>
Frames		Have pumps been examined and found efficient? <u>Yes.</u>		Planking		Anchors. No. of	<u>3+1.</u>
Reverse Frames		Have Sluice Valves been examined and found efficient? <u>Yes.</u>		Caulking		Cables (State if now ranged) <u>Ranged.</u>	
Longitudinals	<u>✓</u>	Have Watertight Doors been examined and found efficient? <u>Yes.</u>		Treenails		" length <u>270 F.</u> mean diamr. <u>2 3/32</u>	
Transverses	<u>✓</u>	Have Ventilators and their Coamings been examined and found efficient? <u>Yes.</u>		Breasthooks & Stemson		" (on board) Rule length <u>270 F.</u> size <u>2 1/8</u>	
Floors		Air and Sounding Pipes		Transoms, Pointers & Crutches		Chain Locker	<u>good</u>
Keelsons	<u>✓</u>	Doubling Plates under Sounding Pipes		Timbers of Frame at openings		Hawsers & Warps	
Stringers				" " at other places		Standing and Running Rigging	
Inner Bottom Plating				Stringers, Clamps & Shelves		Sails	
Have the Tanks been examined internally? <u>Yes.</u>				Salting			
Have the Tanks been tested? <u>Yes.</u>				(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:— "to remain as classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,38," or "to remain as classed and to have record of survey, 1,38, and the notations of ss No. 1-38."

This vessel is in good condition and eligible in my opinion to remain so classed with fresh record of survey 9.51 and the notation S.S.BKN 9.51 without condition.

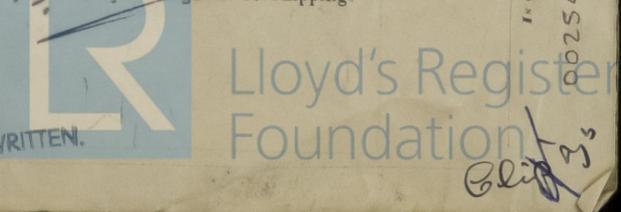
"Endorsement B" - Indented side shell plating (3. sides aft) - but without endorsement as previously noted - now dealt with.

Survey Fee (per Section 29) 4s. Sur. £ 69 : 0 : 0 Fees applied for, 11 OCT 1951
 Special or Repair Fee (if any) (per Sec. 29) Alterations £ 52 : 10 : 0
 Travelling Expenses (if chargeable) £ : : 0
 Second Surveyor's Fee (if any) £ : : 0
 Received by me, [Signature] Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 16 OCT 1951
 Character Assigned 9.51 BKN (Without Special Conditions) With endorsement.
S.S. BKN. 9.51. + LMC 9.51.
+ N.B. 9.51.
 CERTIFICATE WRITTEN. (6.12.51)

MADE AND PRINTED IN ENGLAND

Is Certificate required? If so, to be sent to 002543-002549-0212



5.5. "BENIN PALM"

plating under side scuttles.

Decks, casings, beamings, Companionways, large hatchways, covers and all securing arrangements, ventilators, air & sounding pipes together with striking plates, masts, rigging, steering gear and windlass, W.T. door, Land pumps, general equipment and boats.

All the above found or placed in good condition.

anchors & cables ranged, shackle pins backed out and cables ganged, and found or placed in good condition.

Keelboard verified.

All D.B. tanks, deep tank, fore and after peak tanks, satisfactory pressure tested to Rule Requirements.

Ceiling and sparring renewed as required for tank testing and thereafter made good.

Load line renewal survey carried out and upon completion of all repairs new certificate and certified copy placed on board.

Repairs - Wear & Tear.

Shell Plating - "A" is garboard strake and plates are numbered from forward.

P. side - "D" - No 2 plate part renewed.

"F" - No 2 plate part renewed.

" 3 plate renewed.

" 4 plate faired in place.

"G" - No. 2 plate faired in place.

" 3 plate renewed.

" 4 plate removed faired & refitted.

"H" - Nos. 3 and 8 plates faired in place.

" 4 plate removed, faired and refitted.

Boos plate renewed.

After keel plate - shoe plate fitted for full extent.

S. side -

"C" - No. 1 plate faired in place.

"D" - No 2 plate renewed.

"E" - No. 4 plate part renewed.

" 6, 7, 8 and 9 plates renewed

"F" - Nos. 2 and 3 plates renewed.

" 4 plate faired in place.

"G" - No. 2 plate faired in place

" 3 plate renewed.

" 4 plate removed, faired & refitted.

"H" - No. 4 plate faired in place.

Boos plate renewed.

S.S. "Benin Palm."Shell Plating.

Plates renewed or part renewed - 16.
 " removed, faired & refitted - 3.
 " found in place - 8.

Main Framing

No. 1 cargo hold. - P. side - 9 frames faired in place
 1 frame removed, faired & refitted.
 S. side - 17 frames faired in place
 2 frames removed, faired & refitted.

Structures under Boilers - See section under "Alterations"

Rudder. - Rounded plate at fore end of rudder, renewed for full depth.

Deck Plating

Shell Deck. - 1 plate renewed over steering flat.

Boat Deck. - "A" is 1st plate from centre line and plates are numbered from aft.

P. side - The following plates renewed: -

"A" - 1, "B" - 1, "C" - 1, 2, 3, 5, and 6, and 7.

"D" - 1, 2, 3, 5, 6 and 7 "E" - 1, 2, 3, 5 and 6

S. side -

"A" - 1, "B" - 1, "C" - 1, 2, 3, 5 and 6.

"D" - 1, 2, 3, 5 and 6 "E" - 1, 2, 3, 5 and 6.

Thwartship plate at fore end of No 3 trunked hatchway - renewed.

Total number of plates renewed on boat deck - 37.

Deep tank lid removed, faired & refitted.

Wood sheathing on deep tank bulkhead renewed.

Large battens made good throughout holds & tween decks.

A total of 67 wood hatch covers renewed.

5 hatch tarpaulins supplied on board.

Repairs of a minor nature on deck effected.

Alterations

Existing fore and aft bunker bulkhead, P. & S. sides, removed and saddle back modified to suit new structural arrangements.

All modifications and structural alterations carried out as per approved plan (as fitted) forwarded with this report.

Existing boilers (two) removed and replaced with three

3.5. - "BENIN PALM"

new boilers.

Existing stools under ^{starboard} port boiler found buckled in way of lightning holes. These stools were condemned.

Existing stools under port boiler fitted with blanks over lightning holes and additional vertical angle stiffener fitted. These stools used to take new port boiler.

New stools fitted to take Star^{board} and Centre boilers.

At each of set of boiler stools additional channel section fore-and-aft tie bars fitted.

Notes

(1) Tank top plating in way of starboard boiler found slightly waned.

Bull angle struts fitted in D.B. tank under boilers to the open floors, P.S., between solid floors taking boiler stools.

The buckling in tank top referred to above is slight, and in the opinion of the undersigned need not be recorded in the S.R.L. as a condition of class.

(2) Indented side shell plating (S. side aft) to be recorded as an "Endorsement" with permanent repairs at Owners' convenience.

S.R.L. Subject - Indented shell plating (P.S.) how dealt with.
Endorsement - Shell plates nos. 3 and 4 in 3rd below sheer (P. side) - how dealt with

These items may now be deleted from S.R.L.

H. Macfarlane



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Foundation