

REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 19 1941 When handed in at Local Office 2/10/1941 Port of Newcastle

No. in Survey held at North Shields Date, First Survey 9 April Last Survey 17 July 1941
eg. Book. (No. of Visits 43)

4364 on the Wood, Iron or Steel 'DIALA'

TONNAGE: Built at Vegesack By whom Bremer Vulkan When 1938 YEAR MONTH
GROSS 8106 Owners Anglo Saxon Petroleum Co. Ltd Owners' Address
UNDER DE. 4201 (if not already recorded in Appendix to Register Book)
NET 4784 Managers Port belonging to London

Surveyed Afloat or in Dry Dock?		Name of Dock		Destined Voyage	
Cell D	Bord Ba	feet; uE&B	feet; f	feet	Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)
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. 63675. Port Gls.

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules and items remaining to complete the Surveys should be summarised. 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.

n 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.

not required.

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR *Damage stated to have been caused by enemy action*
(torpedo) on 26th February 1941.

How done: - Vessel placed in drydock, bottom muds cleaned examined and recoated.

Shell plating. (numbered from aft.)

A Skate (heel):- No. 10 plate fared in place.

Port Side.

B. Strike: - No 10 plate fared in place. No. 11 removed. fared refitted. 2 shell doublers in way removed. fared refitted.

SUMMARY OF DAMAGE REPAIRS:—	Shell Plates.	Frames.	Br. Frames. <i>BR. PLATES</i>	Floors and Bracket Floors	Beams. <i>BR. ST. KEYS</i>	Inner Bottom Plates.	Dk. Plates.	Other Items:—
Renewed	19	26	25	✓	33	✓	✓	All bungs, tanks etc. tested and as per report.
Removed and Paired or Repaired	3	8	✓	✓	39	✓	✓	
Paired or Repaired in place	4	✓	19	✓	.	✓	✓	

PRESENT CONDITION OF THE

[illegible]

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, 138," or "to remain as classed and to have record of survey, 138, and the notations of *ss No. 1-38.*"

This vessel is eligible, in my opinion, to remain as classed and to have fresh record of Survey 7.41 Shl.

Survey Fee (per section 20)	£									Fees applied for, <i>pet</i> 19
Special Damage or Repair Fee (if any)..... (per Sec. 20)	£	52	10							Received by me, 19
Travelling Expenses (if chargeable)	£									19
Second Surveyor's Fee (if any)	£									
<i>from R.L. to follow.</i> FRI. 29 AUG 1941 <i>Committee's Minute</i> <i>Character Assigned</i> <i>100%</i> <i>Car. pet. in bulk</i>										

Fees applied for

Received by me.

J. R. Gibbs

R. G. Turnbull

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Character Assigned

Foundation
W1168-00006 1/4

m/y. **DIALA**Shell plating contd.Outside (contd.)

"C" Strake :- nos. 8, 9 plates removed, faired & refitted. no. 10 faired in place.

"D" " :- nos. 8, 9, 10 " renewed. 1 shell doubling renewed. 1 removed, faired & refitted.

"E" " :- nos. 8, 9, 10 " " " "

"F" " :- nos. 12, 13, 14, 15 plates renewed.

"G" " :- nos. 12, 13, 14, 15 " " "

"H" " :- nos. 12, 13, 14. " " "

"J" " :- no. 13 " " no. 12 faired in place.

"K" " :- no. 13 " faired in place.

Starboard side

"C" Strake :- no. 8 plate renewed.

"F" " :- no. 13 " faired in place.

"G" " :- no. 13 " " " "

Internal Repairs.no. 5 cargo tank P.nos. ⁹⁸102 transverse web plate to long⁴ Bulhead & face bar faired in place.long⁴ Bulhead :- upper & lower shelf plates faired in place. Port. & long⁴ brackets renewed.no. 6 cargo tank P.

no. 106 Bulhead :- 4 Bulhead plates faired in place.

Lower shelf bracket to long⁴ bulhead renewed. no. 3 vert. & stiff. removed, faired & refitted.

4 bulhead gussets to shell frames & 4 stiff. bottom brackets removed, faired & refitted.

long⁴ Bul. plating. nos. 106/121 :- no. 1 vertical plate faired in place. nos. 2, 3, 4, 5 cropped & part renewed. Port. bulhead foundation angles renewed.

Upper shelf plates & face bars renewed. 10 bulhead connos., 4 under side brackets, renewed & 4 brackets removed, faired & refitted. 4 bracket connos. & 5 Jie lugs renewed.

Lower shelf plate similar to upper.

12 bulhead stiff. renewed. 4 removed, faired & refitted. 1 top bracket renewed, 3 removed, faired & refitted. 5 bottom brackets renewed. 5 removed, faired & refitted. 6 bracket connos. renewed. 4 removed, faired & refitted.

no. 121 Bulhead plating :- Base plate & 3 vert. plates renewed. 7 horizontal stiff. on wing plate renewed. Shell, C.L. and deck boundary angles renewed. 6 vertical & stiff. renewed. 6 top brackets removed, faired & refitted. 6 bottom brackets & connos. renewed.

Main frames 109/120 - 11 frames renewed. 1 frame removed, faired & refitted. 1 frame legs renewed.

2 removed, faired & refitted. 7 bilge brackets renewed. 2 removed, faired & refitted.

1 bilge bracket stiffeners renewed. 2 removed, faired & refitted.

Upper & lower shell stringers :- Stringer plates & face bars renewed. 12 shell connos. renewed. 2 removed, faired & refitted. 3 brackets & connos. & 5 Jie lugs renewed.

m/s "DIALA"

No. 6 Tank Port (cont'd).

No. 110. Deep transverse (bottom):- Plate renewed. Face angles & all brackets & conns. removed, faired & refitted.

Nos. 114 & 118 Deep transverse renewed complete.

No. 110 upper strong beam - Plate, stiff, brackets & conns. removed, faired & refitted. 6 strapping brackets renewed.

No. 110 lower " - Plate, strapping bts. & conns. renewed. Stiffener removed, faired & refitted.

Nos. 114 & 118 upper & lower strong beams renewed complete.

4 long shell plates renewed. Gusssets & conns. renewed or faired as necessary.

No. 6 Cargo Tank Centre.

No. 118 Fore Bulkhead:- Base plate renewed. 3 vertical plates cropped & part renewed. Boundary angles renewed or faired as necessary.

Upper & lower shelf plates renewed. Face angles removed, faired & refitted. Brackets & conns. renewed.

1 vert. & stiff. renewed. 6 removed, faired & refitted.

No. 110. Deep transverse - Plate removed, faired & refitted. Face angles, bts & conns. renewed or faired as necessary.

" 114 " " " renewed " " " " "

Leakie Redson faired in place. Bts. & conns. renewed or faired as necessary.

3 long shell plates removed, faired & refitted. Bulkhead brackets, gusssets & conns. removed, faired & refitted.

Upper deck transverse Nos. 110, 114. Bts. conns. & long bulkhead 1 renewed, 1 removed faired & refitted. Deck conns. renewed or faired as necessary.

5 No. 3 long beam cropped & part renewed.

Upper deck centre guide plate & face bar faired in place.

No. 6 Cargo Tank Starboard.

5 long bulkhead plates faired in place. 1 vert. & stiff. renewed. 8 removed, faired & refitted.

Long Bulkhead.
Upper & lower shelf plates renewed. Face bars removed, faired & refitted. Brackets and conns. renewed or faired as necessary.

Nos. 110 & 114 transverse webs & wing tank bulkhead - web brackets & face bars removed, faired & refitted.

Upper shell stringer plate & face bar faired in place.

7 stiff. bottom brackets & conns. & 2 top brackets removed, faired & refitted.

Pump Room P. wing compartment.

Horizontal floor plate & connections renewed.

2 Shell diaphragm plates & conns. renewed.

6 upper deck diaphragms removed, faired & refitted. 16 conns. renewed.

3 longitudinal shell plates renewed.

No. 123 Bulkhead - Base plate renewed and 3 vertical plates renewed in 6. Bulkhead & wing.

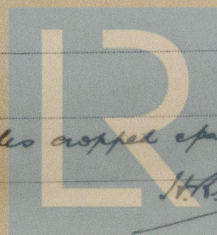
Boundary bars renewed. 4 corner brackets & conns. renewed.

No. 123 Bulkhead centre - Port vertical plate renewed. Base plate & 2 vert. plates faired in place.

Boundary bars renewed or faired as necessary.

Pump Room centre compartment.

Upper deck guide plate & face bar faired in place.

Pump Room starboard compartment.Long bulkhead:- 3 vert. plates cropped & part renewed. Boundary angles cropped & part renewed.
3 horizontal corner brackets & conns. renewed.

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WHL 68.0000 3/4

m/s "DIAHA"

No. 7 Tank Port

Long⁴ Bulk⁴:- 1 vert. plate renewed. 3 plates part renewed. 1 faired in place Bulk⁴ boundary after corner bar renewed.

Upper lower shelf plates renewed complete.

6 vert. L Stiffs. renewed. 8 removed, faired & refitted. 2 bottom brackets renewed. 6 removed, faired & refitted. 6 Conns. renewed. 2 removed, faired & refitted.

After Bulk⁴:- Upper lower shelf plates renewed complete.

6 L Stiffeners renewed. 1 upper deck beam knee renewed. 5 upper deck beam knees removed, faired & refitted. 2 stiffs. bottom brackets renewed. 6 removed faired & refitted. 6 Conns. renewed. 2 removed, faired & refitted.

1 long⁴ shell frame renewed. 3 removed, faired & refitted. 2 gussets renewed. 2 removed, faired & refitted.

4 Trans. Side " " " " " " 6 frame legs renewed.

6 frame bottom brackets renewed.

Upper lower stringers renewed complete.

No. 127 Bottom Transverse renewed complete.

No. 131 " " plate, face bar renewed. Conns. brackets renewed or faired as necessary.

No. 127, 131 lower strong beams renewed complete.

No. 127 upper strong beam renewed.

No. 131 " " " faired in place.

No. 4 Tank Centre

Long⁴ bulk⁴:- 5 plates faired in place.

Port bulk⁴:- 1 vertical plate cropped & part renewed. Corner bar cropped, removed, faired & refitted.

No. 7 Tank Starb^d

Upper lower shelf plates - Plates renewed. Face bars removed, faired & refitted. Brackets & Conns. renewed or removed & faired as necessary.

9 Long⁴ bulk⁴ vertical stiffeners removed, faired & refitted.

1 deck plate above No. 7 cargo tank P. & Pump Room removed for access & refitted.

Bilge keel shell bar renewed and bulk plate removed, faired & refitted in way of damaged tanks & sealing etc.

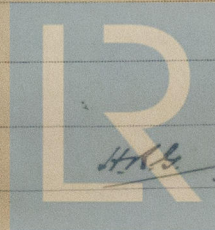
All structure in damaged tanks and in tanks adjacent to damaged tanks hammer tested and started rivets renewed as necessary.

On completion of repairs all cargo tanks, Fore and After peak tanks, Fore deep tanks, Fore and After cofferdams, Oil Fuel Bunkers, Oil Fuel and D.O. tanks in Engine Room tested and found or made tight. Started shell and bulkhead rivets, seams etc.

made good as necessary. Bottom of Pump Room flooded.

Minor repairs effected.

Decks, cargo tanks, casings, coamings, O.T. hatchways & fastenings, windlass, steering gear etc. examined generally or as required & found satisfactory.



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W1108-0006 4/4