

# REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report 15<sup>th</sup> March 1950 When handed in at Local Office 20 MAR 1950

Port of NEWCASTLE-ON-TYNE.

No. in Reg. Book Survey held at Hebburn on Tyne Date, First Survey 7/2/50 Last Survey 16/3/50 19

07782 on the Wood, Iron or Steel R.F.A. "ECHODALE"

TONNAGE: - Built at Newcastle By whom Hawthorn Leslie & Co Ltd YEAR 1941 MONTH 3  
GROSS 8212 Owners The Admiralty Owners' Address  
UNDER DK. 735 Managers Managers' Address  
NET 4805 Port belonging to London

Surveyed Afloat or in Dry Dock? Both Name of Dock Palmer's Hebburn Destined Voyage

Cell/Dor/Dba 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.

Last Report, No. 7933 Port TOR.

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).
T100A1	TLMCCS 1246
3.49	1248
SS P5-12.46	PBS 1248
Carrying petroleum in bulk	TS-CL 12.48

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 DOCKING & ALTERATIONS

Now Done: Vessel placed in dry-dock, bottom & rudder cleared examined & coated. Anchors & cables ranged & examined.  
Weather decks, cargo tanks, deep tanks fwd, oil fuel bunkers, settling tank (SS), casings hatch coamings & closing appliances, ventilator coamings, steering gear, windlass & equipment generally examined & found or made satisfactory.  
Annual Freeboard Survey held

REPAIRS WRT: Minor caulking on shell carried out on few shell rivets in way N1 port cargo tank (tanks numbered from aft) renewed. Forward half of upper stringer on shell in N1 port cargo tank found fractured at frame slots & renewed.

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	
Decks <u>good</u>	Bulkheads <u>in tanks good</u>
Caulking of Decks <u>"</u>	Ceiling <u>not ex'd</u>
Coamings <u>"</u>	Cement or Asphalt <u>"</u>
Beams & Fastenings <u>not ex'd</u>	Rudder <u>good</u>
Outside Plating <u>good</u>	Steering gear and its connections <u>"</u>
" " In way of sidelights <u>not ex'd</u>	Windlass <u>"</u>
Frames <u>in tanks good</u>	Have pumps been examined and found efficient? <u>not ex'd</u>
Reverse Frames <u>"</u>	Have Sluice Valves been examined and found efficient? <u>not ex'd</u>
Longitudinals <u>"</u>	Have Watertight Doors been examined and found efficient? <u>in deck good</u>
Transverses <u>"</u>	Have Ventilators and their Coamings been examined and found efficient? <u>yes</u>
Floors <u>"</u>	Air and Sounding Pipes <u>in deck good</u>
Keelsons <u>not ex'd</u>	Doubling Plates under Sounding Pipes <u>not ex'd</u>
Stringers <u>in tanks good</u>	Engine Room Skylights <u>good</u>
Inner Bottom Plating <u>in ER. good</u>	Coal Bunkers, Openings, Covers, &c. <u>none</u>
Have the Tanks been examined internally? <u>yes</u>	Oil Bunkers <u>good</u>
Have the Tanks been tested? <u>no</u>	Scuppers <u>"</u>
	Cargo Hatchways <u>"</u>
	Hatches <u>"</u>
	Planking
	Caulking
	Treenails
	Breasthooks & Stimson
	Transoms, Pointers & Crutches
	Timbers of Frame at openings
	" " at other places
	Stringers, Clamps & Shelves
	Salting
	State if examined.
	Copper, or Y.M. (State if on Felt.)
	When fitted, Month Year
	Boats <u>good</u>
	Masts, Yards, &c. <u>good</u>
	Condition, how ascertained <u>from deck</u>
	Equipment letter <u>CT</u>
	Anchors, No. of <u>3/3 15</u>
	Cables (State if now ranged) <u>700</u>
	" length <u>300 fm</u> mean diamr. <u>2 3/8"</u>
	" Rule length <u>300 fm</u> size <u>2 1/6"</u>
	Chain Locker <u>not ex'd</u>
	Hawsers & Warps <u>good</u>
	Standing and Running Rigging <u>"</u>
	Sails <u>none</u>

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."

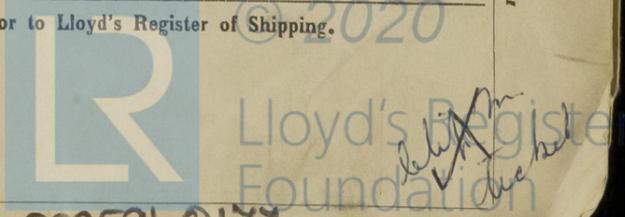
This vessel so far as now seen is eligible in my opinion to remain as classed with fresh record of dry docking 2.50. Repairs to indented shell plating (ps) and (ss) etc, keel plates N<sup>o</sup> 4, 9, 11, 12 & 13 etc, with A stroke in way (ssa), are recommended by the next Special Survey. (Pitted inner surface of shell plating in all cargo tanks & pitted tank top plating in Engine Room to be examined annually)

Survey Fee (per Section 29)	£ 10 0 0	Fees applied for	13 APR 1950
Special Damage or Repair Fee (if any) (per Sec. 29)	£ 5 0 0	Received by me,	19
Travelling Expenses (if chargeable)	£		
Second Surveyor's Fee (if any)	£		

Committee's Minute  
Character Assigned 2.50 None subject  
D/Bs. 3.50  
Surveyor to Lloyd's Register of Shipping. A. Snedden  
FRI. 19 MAY 1950  
Lloyd's Register Foundation  
002583-002591-0177

Has a Survey also been held on the machinery of the vessel, or when will it be sent? If so, is the Report sent now, or when will it be sent?

Is Certificate required? If so, to be sent to



Repairs)

"ECHO DALE"

Anchors & cables: 4 cable studs renewed, 11 hardened up, 2 anchor shackle pins + 2 cable shackle pins renewed.

Domestic refrigerated chamber in tween deck (SS). Deck examined & tested for reported leakage after stripping of deck insulation & found to be satisfactory.

Indented plating: The following indented keel & side shell plating were noted, examined & found to remain satisfactory meantime but repairs are recommended not later than the next special survey: Plates numbered from fore.

Keel plate N° 4 in way of N° 9 tank

" " 9 " " " 4 "

" " 11 " " " 3. with A strake (SS) & doubler on A strake.

" " 12/13 hull " " 2 "

Shell plate N° 5 in 3<sup>rd</sup> strake below sheerstrake (SSf) in way of N° 8 tank.

Some moderate buckling of internal structure in way of indents was also noted.

SRL: Bottom shell plating in 27 cargo tanks (strains lifted as required) examined internally for pitting & Engine Room tank top plating examined for pitting & found to remain efficient meantime. Indented plating on shell (PS) examined & found to remain efficient meantime.

ALTERATIONS: Vessel now adapted for main Engines to use Boiler fuel Oil.

Divisional bulkhead erected in starboard settling tank in accordance with the approved plan.

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

Number of Certificate.	Anchors.*	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST PER CERTIFICATE.				WEIGHT REQUIRED BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
	1st Bower																
	2nd "																
	3rd "																
	Collective Weight																
	Stream.....																
	Kedge.....																

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

CHAIN CABLES.

Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.				Length and size per rule.		Description.	Makers of Cables.	Where and when tested and Superintendent.
	Length.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.		Length.	Diam.				
						Cwts.	qrs.			lbs.			
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Fathoms.	Ins.	

Iron Stream Chain }  
or Steel Wire }

Heating coils fitted in fore'd deep oil fuel tank & cross bunker aft, & coils in settling tank (SS) modified. On completion of alterations new bulkhead, & heating coils tested & proved satisfactory.

[ The approved plan of Divisional Bulkhead in Settling Tank is forwarded herewith. ]

VESSEL UNDOCKED 16/2/50

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

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.



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