

# REPORT OF SURVEY FOR REPAIRS, &c.

Date of writing Report... 17th Dec. 1954 When handed in at Local Office... 21st Dec. 1954 Port of MIDDLESBROUGH.

No. in Reg. Book. Survey held at Middlesbrough. Date, First Survey 6th Sept. Last Survey 7th Dec. 1954 (No. of Visits... 50.)

81296 on the ~~Wood~~, Iron or Steel Tw S.S. "UMGENI".

TONNAGE: - Built at Newcastle. By whom Swan Hunter & Wigham When 1938 5  
GROSS 8217 Owners Bullard King & Co. Ltd., Owners' Address Richardson Ltd.

UNDER DK. 6654 Managers Port belonging to London.

NET 5079. Managers Port belonging to London.

Surveyed Afloat or in Dry Dock? Both. Name of Dock Smith's Dock. Destined Voyage

Cell/D/Bor/D/Ba 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.

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 Survey (Including date of N.B., if any).
+100 A1 1.54. with freeboard.	+LMC 10.50 BS 10.53.
ss Mdb, 10.50	TS(CL) 10.52.

Last Report, No. 60278 Port HVL

Medical Surveys, when held, must be reported in detail and serially 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.

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.

Society's Freeboard (if assigned) as painted on Ship and now verified } 10 ft. 2 1/4 ins.

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

REPAIRS, OR EXAMINATION AS PER RULE, FOR Special Survey, Type C, Oil Fuel Conversion, Freeboard Renewal, Alterations and Damage Repairs.

Special Survey Type C. due 10.54. Undocked 1.12.54.

Work Done. Ship placed in drydock, shell plating, sternframe and rudder cleaned examined and coated.

Examined. All holds, tween decks, fore and after peak spaces, coal bunkers, engine and boiler spaces, under engines and boilers, plating in way of ash shoots and sidelights, overboard scuppers, and discharge pipes, decks with machinery and other casings, superstructures skylights and companionways hatchways, covers, scuppers, tarpaulins, cleats and battening arrangements, anchors, chain cables, chain locker, masts, rigging (report attached) steering gear, auxiliary steering gear, windlass

SUMMARY OF DAMAGE REPAIRS :-	Shell Plates.	Frames.	R. Frames.	Floors and Bracket Floors	Beams.	Inner Bottom Plates.	Dk. Plates.	Other Items :-
Renewed ...	4 & 2 part	-	-	-	-	one part	one part	See Report.
Removed and Fair'd or Repaired	12 & 2 "14 part	-	-	-	one	-	-	-
Fair'd or Repaired in place ...	one	-	-	-	-	-	-	-

PRESENT CONDITION OF THE

Decks	good
Planking of Decks	good
Paintings	good
Rivets & Fastenings	good
Outside Plating	good
" " in way of sidelights	good
Frames	good
Reverse Frames	good
Longitudinals	none
Transverses	none
Floors	good
Beams	good
Stringers	good
Inner Bottom Plating	good
Have the Tanks been examined internally?	Yes
Have the Tanks been tested?	Yes

Bulkheads	good.
Ceiling	good
Cement or Asphalt	good
Rudder	good
Steering gear and its connections	good
Windlass	good
Have pumps been examined and found efficient?	Yes
Have Sluice Valves been examined and found efficient?	None.
Have Watertight Doors been examined and found efficient?	Yes
Have Ventilators and their Coamings been examined and found efficient?	Yes
Air and Sounding Pipes	good
Doubling Plates under Sounding Pipes	good

Engine Room Skylights	good
Coal Bunkers, Openings, Covers, &c.	good
Oil Bunkers	good
Scuppers	good
Cargo Hatchways	good
Hatches	good
Planking	good
Caulking	good
Treenails	good
Breasthooks & Stimson	good
Transoms, Pointers & Crutches	good
Timbers of Frame at openings	good
" " at other places	good
Stringers, Clamps & Shelves	good
Splicing	good

Copper, or Y.M.	(State if on Pelt.)
When fitted, Month	Year
Boats	good
Masts, Yards, &c.	good
Condition, how ascertained	by exam.
(State if wedges removed)	
Equipment letter	cf 2 1/2 (red)
Anchors, No. of	3B 1S
Cables (State if now ranged)	Yes
" length	300 mean diam. 2 1/8
(on board.)	
" Rule length	300 size 2 1/8
Chain Locker	good
Hawsers & Warps	sufficient,
Standing and Running Rigging	good
Sails	none.

## 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 ship is eligible in our opinion to remain as classed with record of docking 12.54 and to have the notation of ss Mdb.1254, with endorsement "B" shell plates Nos.8 & 12 (S.S) from aft in 4th strake below sheerstrake and indented plating etc. (S.S.a). Record of fitted for O.F. 12.54/above 150°F to be made in the Register.

Survey Fee (per Section 23) Spec. Survey	96	-	-	Fees applied for,
O.F. Conversion.	40	-	-	21.12 19 54.
Special Damage or Repairs (if any) (per Sec. 23)	40	-	-	
Late Attendance Fee.	8	8	-	Received by me,
Travelling Expenses (if chargeable)				10
Second Surveyor's Fee (if any)				

Signature: T.A. Blagden, J. Richardson  
Surveyor to Lloyd's Register of Shipping.

TUESDAY 18 JAN 1955

Committee's Minute

Character Assigned

12.54 Mdb. without special class  
ss Mdb 12.54 plus 12.54 (with endorsement)  
ops 12.54 fitted for oil fuel 12.54 FP above 150°F



3 JAN 1953

Is Certificate required? If so, to be sent to

004101-004106-0189/14



"UMGENI".(Hull).

After Peak.

Doubler fitted to tank top at the forward end over two strakes.  
Forward bulkhead cropped and part renewed as found necessary. Four bulkhead stiffeners fitted with reverse bars.

No.3 D.B. Tank.(E.R. Tank).

Reverse bars fitted to all stiffeners on forward tank end.

No.4 D.B. Tank.

First two floors (P & S) from forward end between the centre girder and 1st intercostal cropped and part renewed.

Top half of intercostal in way of part renewed floors doubled.

Under Boilers.

After boiler stools of forward boiler cropped and lower portion renewed together with angles to tank top.

Tank top under forward boiler (P & S) centre strake cropped and part renewed, A strake plates renewed and B strake plates cropped and part renewed.

Coamings, Casings. Etc.

Bunker trunk sides between boat deck and bridge deck renewed, and between bridge deck and upper deck cropped and part renewed. Three strakes of after bulkhead of trunk cropped and part renewed and stiffeners and reverse bars on same renewed. Upper portion of forward bulkhead of trunk cropped and part renewed.

Fracture at corners of engineers access door from after deck (S.S) veed, welded and doubled.

Fracture at after lower corner of access door at saloon entrance on Bridge deck (P.S) veed welded and doubled.

Freeboard Renewal Repairs.

Galley skylight covers renewed.

Coaming on port side of No.1 and 2 Hatches upper deck doubled for full length and horizontal stiffener at No.1 hatch (P.S) renewed.

Section of port and starboard aft engine room ventilator coaming renewed.

30 Wood hatch covers renewed.

Freeboard Renewal Survey.

A freeboard renewal survey has been effected at this time and a Form C11(c) and Report C.12(a) have been forwarded to London Office Also C.11(Cont'd) also forwarded to London Office.

Oil Fuel Conversion.

Vessel fitted to burn oil fuel and oil fuel bunkers and settling tanks constructed and existing drytank between frame Nos.80 and 106 modified to contain cofferdam between from 80 and 81, waste tank made between frames 81 and 84, oil fuel tank made between frames 84 and 105, and cofferdam between 105 and 106 in accordance with the approved plans

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MIDDLESBROUGH.

Continuation of Report No.

20360. dated 20th December, 1954 on the

"UMGENI" (Hull).

and Secretary's letters and to rule requirements.

All tanks and heating coils tested to rule requirements on completion and found satisfactory.

Alterations.

A house of efficient steel construction has been fitted at this time on top of the existing poop house top and existing structure below suitably stiffened.

A small coal bunker and laundry have been fitted under the overhand of the bridge deck at the after end (P.S) of substantial steel construction. The fashion plate at the after end of the bridge deck plated over and together with the bulwark in way suitably stiffened.

Companionway fitted in upper deck (S.S) as access to store rooms on top of new oil fuel bunkers, forward of and outside line of boiler room casing, with compensating deck doublers fitted in way of opening in upper deck and a 9" coaming fitted to steel door of companionway which <sup>is</sup> situated inside bridge space.

Small bunker hatch fitted on Bridge deck (S.S) outside house amidships 27" x 17 1/2" coaming 20" high fitted with wood covers tarpaulins cleats etc. compensating doubler fitted under deck in way of opening.

Trunked Hatch from boat deck to original coal bunker extended aft in accordance with the approved plan of "Trunked hatch to new cargo hold" for the sister ship "UMTALI".

Damage - Repairs.

The following contact damages repaired as follows. Details of alleged cause were not available on the Vessel:-

Port Side (counting plates from forward) "A" Strake is garboard.

J5 cropped part removed faired and refitted.

H5 removed faired and refitted.

H6 removed faired and refitted.

H7 renewed.

G5,6, and 7 removed faired and refitted.

Starboard Side (counting plates from Forward).

J6 and 7 removed faired and refitted.

H6 renewed.

H7 removed faired and refitted.

G.6,7 removed faired and refitted.

Bulwark plate in way of above faired in place.

M2 (Bridge sheerstrake) cropped part removed faired and refitted.

L9 faired in place.

K10. (Sheerstrake) cropped and part renewed.

J9 renewed.

H8 cropped and part renewed.

H9 removed faired and refitted.

G9 renewed.

F8 removed faired and refitted.



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continued.....

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of MIDDLESBROUGH.

Continuation of Report No. 20360.

dated 20th December. 1954. on the

"UMGENI" (Hull).

Internally in Way of Above shell Repairs.

Port Side.

Frame Nos. 118, 119, 120, 121, 123, 124, 126, 134, 137 cropped part removed, faired and refitted.

Starboard Side.

Frame Nos. 123, 125, 126, 127, & 130 cropped part removed faired and refitted.

In way of K.10 sheerstrake plate:-

Upper deck stringer plate and adjacent strake cropped, in way of set in shell plating, stringer plate part renewed and adjacent strake removed faired and refitted.

One upper deck beam cropped faired and refitted and beam knee in way renewed.

Shell plating and deck plating in way of above damages hose tested upon completion of repairs and all found in order.

S.R.L.

Indented shell plating etc. (S.S) in way of above bunkers dealt with as detailed under damage repairs and it is submitted that this item be deleted from the S.R.L.

Defective shell rivets abreast the starboard boiler renewed as found necessary.

It is submitted that this item be deleted from the S.R.L.

Indented shell plating etc. (S.S.f) dealt with as detailed under damage repairs and it is submitted that this item be deleted from S.R.L.

Indented plating etc. (S.S.a) examined and found to remain efficient and it is submitted that this item be made Endorsement "B".

Endorsements.

Shell plates Nos. 8 and 12 (S.S) from aft in 4<sup>th</sup> strake below sheerstrake examined and found to remain efficient not dealt with at this time.

Shell plating (P.S.f) dealt with as detailed under damage repairs and it is submitted that this item be deleted from the S.R.L.

Alterations in Register Book

To Cell D.B. & pt O.F.



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