

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

Received London

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

20. AUG. 1965

Ship's Name ~~SS/M/S~~ "BLUE MARLIN" (LR 501970)

Gross tons	7,126	Port of Registry	Panama	Port	Taipei
Date of build	8-1944	Is there a rpt. 8?	Yes	Rpt. No.	65222
No. of visits	11	First date	9-6-65	Last date	11-7-65
Interim Cert. issued & copy herewith?	Yes	Damage rpt. issued & copy herewith?	No	Last rpt. (H.Q. only)	
Date of completing rpt.	23-7-65	Surveyed at, if different from Port above	Keelung		
Is a rpt. 9B attached?	Yes	MN	628	Nature of survey	MBS, SPS & Condition of Class
Survey fees		Damage fee	-	Expenses	
E.S -	US\$353.--				See Rpt. 8
MBS -	US\$147.--				
Electrical S.S	US\$94.--	Repairs	US\$120.--		
(75% of the fee to be credited to surveyor concerned)				S.A. fee	

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

1	Cyls., covers, pistons & rods	All - good	
2	Valves & gears	All - good	
3	Con. rods, cross-heads, bearings & guides centre	All - good	Side
4	Crankpins & bearings centre	All - good	Side
5	Journals & bearings	All - good	

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

6	Cyls., covers, pistons & rods		7	Con. rods, cross-heads & bearings
8	Crankpins & bearings		9	Journals & bearings
10	Coolers & safety devices			

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

11	Cyls., covers, pistons & rods		12	Con. rods, cross-heads & bearings
13	Crankpins & bearings		14	Journals & bearings

MAIN TURBINES (State Port—P or Starboard—S)

15			16	Casings, rotors, blading, bearings & thrusts
17	Reduction gearing			
18	Scavenge blowers		19	Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of ES 7,65; MBS; 7,65; SPS subject to windlass cylinder block (metalocked 9/64) being specially examined by 7/66 (12 mos.) but without conditions regarding main condenser water box division plate, P.S. inboard bilges & outboard general service pumps.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Henry S. M. Tan
Acting Surveyor to Lloyd's Register of Shipping

Date of Committee

MONDAY 18 OCT 1965

Minute

ES 7. 65 subject
MBS 7. 65 SPS 7. 65

ALSO FOR

SPL FOR

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Lloyd's Register Foundation

004486-004488-0100

At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "good" only when it has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where repairs have been effected or it is

Exhaust steam turbines (with recip. eng.)	20		21 Thrust blocks shafts & bearings	Good	
Steam compressors	22		23 Intermediate shafts & bearings	Good	
Clutches & hydraulic couplings	24		25 Condensers (main & aux.)	Good	
Steam re-heaters	26		27 Air ejectors (main & aux.)		
De-super-heaters	28		29 Forced &/or induced draught fans	Good	
Stop & manoeuvring valves	30	Good	31 Holding down bolts & chocks	Good	32 Defines or vibration hammer
Main engine driven pumps	33	Good			

State Port P. or Starboard S.

34	Crankcase doors & explosion valves		35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	Good	
36	Essential independent pumps	2-Feed pump Good Circulating pump Good Ballast pump Good GS pump Good Bilge pump Good Fuel service pump (2) ford, Good Fuel transfer pump Good F.W. pump Good Auxl. circulating pump, Good	Sanitary pump Good Emergency fire pump steering space, Good		
37	Bilge, ballast & oil fuel suction lines, fittings & controls	Good	38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	Yes, Good	
39	Fresh water coolers		40 Lub. oil coolers	Good	
41	Heaters (state service)	Feed water, Good	42 Feed water filters	Good	
43	Auxiliary air receivers & safety devices		44 Starting air pipes		
45	Main air receivers & safety devices				
46	Independent air compressors & safety devices				
47	Oil fuel tanks (not forming part of the hull structure)				
48	Have all evaporators safety valves been tested under steam?	Yes	49 Evaporators HP & LP	Good	50 Distillers Good
51	Fire extinguishing arrangements	Good	52 Steering machinery	Good	53 Windlass Good

Identify by position

AUXILIARY ENGINES

All good (3)

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Wear Tear Repairs

Main Engine

Main engine completely overhauled with crankshaft lifted. All six (6) lower half main bearings rebabbitted & refitted. L.P. slide valve machined & fitted. H.P. guide plate machined & fitted. Holding down bolts 3 sets and 92 nuts renewed. Main stop & manoeuvring valve spindle renewed. Main thrust bearing rebabbitted & fitted.

Auxiliaries

No.3 generator engine crankpin bush bolt & nut renewed. Nos.1 & 2 generator engines governer valve spindles renewed. No.2 generator engine steam cylinder rebored, with piston & rings renewed. also piston valve renewed. Main condenser, 14 tubes renewed & tested, water box division plate partly doubled (local wasted).

- Cont'd -

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should also be reported above.

