

FEB 1962

Ship's Name ~~SS~~/MS "DIRECTOR MADARIAGA"

Gross tons 11633

Is there a rpt. 8? yes

Port of Rotterdam Rpt. No.

55137

No. of visits 15

First date 17-10-62

Last date 14-12-62

Interim Cert. issued  
& copy herewith? yesDamage rpt. issued  
& copy herewith? no

Last rpt. (H.Q. only)

Date of  
completing rpt. 25-12-62

Surveyed at, if different from Port above --

Is a rpt. 9B  
attached? yes

MN 1860

Nature of survey

Re-Classification  
DBS

Survey fees Fl. 800,--

Damage fee --

Expenses Fl. 64,--

S.A. fee

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

1	Cyls., covers, pistons & rods	P.all good	S. all good
2	Valves & gears	P.all good	S. all good
3	Con.rods, top ends & guides <del>centre</del>	P.all good	S. all good <del>side</del>
4	Crankpins & bearings <del>centre</del>	P.all good	S. all good <del>side</del>
5	Journals & bearings	P.all good	S. all good

## MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S) none fitted.

6	Cyls., covers, pistons & rods	7	Con. rods & top ends
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 & top ends
13	Crankpins & bearings	14	Journals & bearings

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

15	Casings, rotors, blading, bearings & thrusts	16	Levers
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17	Reduction gearing		
18	Scavenge blowers	P. good S. good	19 Superchargers

I recommend that the machinery of this ship remains classed with the existing record of  
be re-entered in the Register Book +LMC 12-62 when re-classification  
survey has been completed, DBS 12-62 and TS P&S new CL 10-62 when  
fitting of propellers to cones verified.

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

Date of Committee

TUESDAY 19 FEB 1963

Minute

Defence.

J. F. Vrouwes  
Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

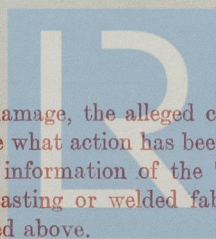
CERT



20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings	P&S good	
22 Steam compressors	23 Intermediate shafts & bearings	P&S good	
24 Clutches & hydraulic couplings	25 Condensers (main & aux.)		
26 Steam re-heaters	27 Air ejectors (main & aux.)		
28 De-superheaters	29 Forced &/or induced draught fans		
30 Stop & manoeuvring valves	31 Holding down bolts & chocks	good P&S	32 Detuner or vibration damper not fitted
33 Main engine driven pumps	fuel injection pumps, good.		
34 Crankcase doors & explosion relief devices	P&S good.	35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)	P&S yes, good.
36 Essential independent pumps	Starb. outb. and inb. Lubricating oil pumps, good Port inb. & centre (stand by fresh & salt) Salt cooling-water pumps, good.		
37 Bilge, ballast & oil fuel suction lines, fittings & controls	--	38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	
39 Fresh water coolers	good	40 Lub. oil coolers	good
41 Heaters (state service)		42 Feed water filters	
43 Auxiliary air receivers & safety devices	good	44 Starting air pipes	good
45 Main air receivers & safety devices	P&S good		
46 Independent air compressors coolers & safety devices			
47 Oil fuel tanks (not forming part of the hull structure)	good		
48 Have all evaporators safety valves been tested under steam?		49 Evaporators HP & LP	50 Distillers
51 Fire extinguishing arrangements	good	52 Steering machinery	53 Windlass
AUXILIARY ENGINES Port auxiliary good.			

# PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

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.



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