

## LLOYD'S REGISTER OF SHIPPING



Port..... Bilbao.....

.....18th June, 1965.....

**This is to Certify** *that I have surveyed part of the machinery of the s.s. "NUÑEZ DE BALBOA" 7076 Gross tons of Panama for E.S., M.B.S., T.S.(CL) S.P.S. as she lay both afloat and in dry dock at S.E.C.Naval, de Sestao, Spain on the 3rd May, 1965 and subsequently.*

*and that all my recommendations have been carried out to my satisfaction. I am reporting accordingly and recommending to the Committee of Lloyd's Register of Shipping that the machinery classification should be retained and the following survey records assigned*

S.P.S., 6.65, TS (CL) 5.65, M.B.S. 6.65 and E.S. 6.65 subject to steering machinery cylinder block cracked (now metalocked) to be renewed before the end of December 1965 (6 months limit)  
Parts now examined:—

See attached sheet.

J A  
 Surveyor to Lloyd's Register of Shipping  
 Sgd.: J.J. Allay

## KEY TO ABBREVIATIONS

ABS	Auxiliary Boiler Survey	MBS	Main Boiler Survey	TS	Tailshaft Survey
CSM	Continuous Survey of Machinery	OF	Fitted for oil fuel (date) FP above 150° F.	TS(CL)	Tailshaft Survey—Continuous Liner
DBS	Donkey Boiler Survey	SGS	Steam Generator Survey	TSN	Tailshaft renewed
ES	Engine Special Survey	SPS	Steampipe Survey	TS(OG)	Tailshaft Survey—Oil Gland

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:—

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s.s. "NUÑEZ DE BALBOA"

Parts now examined.

HP,MP and L<sup>r</sup> cyls. covers, pistons and rods.  
HP,MP and LP valves and gears.  
HP,MP and LP con.rods, crossheads, bearings and guides centre.  
HP,MP and LP crankpins and bearings centre.  
All journals and bearings.

Thrust blocks shafts and bearings.  
Intermediate shafts and bearings.  
Both main and auxiliary condensers.  
Forced and draught fans.  
Stop and manoeuvring valves.  
Holding down bolts and chocks.  
All main engine driven pumps.  
Main engines tested working and manoeuvring.

Essential independent pumps.

Both feed pumps. Ballast pump. General service pump. O.F.burning system pumps. Transfer pump. Main circulating pump. Emergency pump.

Pumping and piping arrangements.  
O.F.installation heater and feed heater.  
Evaporators safety valves tested under steam  
Evaporators LP  
Fire extinguishing arrangements.  
Steering machinery  
Windlass

Auxiliary engines.

Starboard after inboard and outboard,dynamo steam generators. Starboard fore dynamo steam generator. Diesel auxiliary engine driving emergency pump.

Propeller.  
Sea connections.  
Fastenings.  
Main Boiler.

Steam pipes

Main and auxiliary (Steel)  
Auxiliary electrical equipment.  
Tailshaft.

Sgd.: J.J.Alday



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