

25 OCT. 1962

Ship's Name SS/MS

"SAN FLORO"

Gross tons 644

Is there a rpt. 8?

Yes

Port Bilbao

Rpt. No.

13362

No. of visits

8

First date

29-8-62

Last date

18-9-62

Interim Cert. issued
& copy herewith?

Yes

Damage rpt. issued
& copy herewith?

No

Last rpt. (H.Q. only)

Date of
completing rpt.

20-9-62

Surveyed at, if different from Port above

-

Is a rpt. 9B
attached?

Yes

MN

230

Nature of survey

C.S. and Docking.

Survey fees

C.S.-9,900 pta.

Damage fee

Expenses

S.A. fee

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

1 Cyls., covers,
pistons & rods

Nos 1 - 2 - 3 - 4 - 5 - 6 - All Good

2 Valves & gears

Nos 1 - 2 - 3 - 4 - 5 - 6 - All Good

3 Con. rods, top ends
& guides centre

Nos 1 - 2 - 3 - 4 - 5 - 6 - All Good

4 Crankpins &
bearings centre

Nos 1 - 2 - 3 - 4 - 5 - 6 - All Good

5 Journals &
bearings

Nos 1 - 2 - 3 - 4 - 5 - 6-7 - All Good

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

6 Cyls., covers,
pistons & rods

- Good

Con. rods &
top ends

- Good

8 Crankpins &
bearings

- Good

9 Journals &
bearings

- Good

10 Coolers &
safety devices

- Good

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

11 Cyls., covers,
pistons & rods12 Con. rods &
top ends13 Crankpins &
bearings14 Journals &
bearings

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

16 Casings, rotors,
blading, bearings
& thrusts

15 Levers

17 Reduction
gearing18 Scavenge
blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed with/without fresh record of

(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 20 NOV 1962

Minute

as now

esm. 9.62

Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

20.11.62

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
in 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 Periodic Examination.
Where repairs have been effected or it is

Exhaust steam turbines (with recip. eng.)	20	Thrust blocks shafts & bearings	21	Good	
Steam compressors	22	Intermediate shafts & bearings	23	Good	
Clutches & hydraulic couplings	24	Condensers (main & aux.)	25	-	
Steam re-heaters	26	Air ejectors (main & aux.)	27	-	
De-superheaters	28	Forced &/or induced draught fans	29	-	
Stop & manoeuvring valves	30	Holding down bolts & chocks	31	Good	
Main engine driven pumps	33				
Bilge(S.S.); S.W.(P.S.);F.W.(P.S); Lub. Oil(S.S.) } All Good					
All O.F. Injection Pumps					
Crankcase doors & explosion relief devices	34	- All Good		35	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)
				Yes - Good.	
Essential independent pumps	36	Genl Service (S.S. outboard); Gen.' Service(P.S. inboard); O.F. Transfer (S.S.); O.F. Daily Service (S.S.); F.W. Cool' (S.S. outboard); F.W. Cool' (S.S. inboard); Lub. Oil (P.S. For ^d);			
Bilge, ballast & oil fuel suction lines, fittings & controls	37	Good	38	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?	Yes - Good
Fresh water coolers	39	Good	40	Lub. oil coolers	Good.
Heaters (state service)	41		42	Feed water filters	-
Auxiliary air receivers & safety devices	43		44	Starting air pipes	-
Main air receivers & safety devices	45	Bottom - Good.			
Independent air compressors coolers & safety devices	46	Inboard and Outboard (S.S.).			
Oil fuel tanks (not forming part of the hull structure)	47	-			
Have all evaporators safety valves been tested under steam?	48	-			
Evaporators HP & LP	49	50	Distillers		
Steering machinery	52	Good	53	Windlass	Good
Fire extinguishing arrangements	51				

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Engin
parts
which
referred
to by
numbers
should
be
counted
from
forward.

Id
pos

described
fully
under
"defects
and
repairs".

AUXILIARY ENGINES Port; Starboard forward; Harbour set (S.S.).

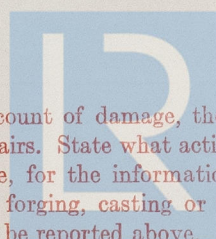
PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Defects:- Fresh water cooler casing badly corroded. (Welded fabrication

Repairs:- Fresh water cooler casing renewed, (Welded fabrication).

Defects:- Main engine Nos 2 and 4 bottom end bearings, white metal badly cracked and loose on shells.

Repairs:- Main engine Nos 2 and 4 bottom end bearings remetalled.



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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.