

Rpt. 9A

REPORT OF MACHINERY SURVEYS AND REPAIRS
(ENGINES AND AUXILIARIES)

Received London

11 JUL 1963

Ship's Name **SS/MEX "OTAKOU"** 1,933 Gross tons
 Is there a rpt. 8? **Yes** Port **DUNEDIN N.Z.** Rpt. No. **6654**
 No. of visits **Ten** First date **26th March 63** Last date **18th June 1963**
 Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? **--** Last rpt. (H.Q. only) **6482 DDN**
 Date of completing rpt. **20th June 63** Surveyed at, if different from Port above **Port Chalmers**
 Is a rpt. 9B attached? **Yes** MN **279** Nature of survey **CSM; MBS; DKG; ELEC. SPEC. & T.S.**
 Survey fees **CSM £108-0-0** Damage fee **--** Expenses **£6-0-0**
MBS £ 34-0-0
TS £ 14-0-0

S.A. fee **--**

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

	P.	S.
1 Cyls., covers, pistons & rods	H.P. Good	
2 Valve & gears	H.P. Good	
3 Con. rods, top ends & guides centre	H.P. Good	Side
4 Crankpins & bearings centre	H.P. Good	Side
5 Journals & bearings	All Good	All Good

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

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)

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

I recommend that the machinery of this ship remain as classed with ~~with~~ fresh record of C.S.M. 6/63; M.B.S. 5/63 and T.S. Port and Stbd 4/63, subject to the water end of bilge pump being renewed by 6/64 (12 months).

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

H.R. McStay. *A.R. McStay.*
Surveyor to Lloyd's Register of Shipping

Date of Committee **MONDAY 29 JUL 1963**

Minute *As now, subject*

*CSM 6.63
Port. TS 6.63 MBS 5.63
Stbd. TS 6.63*

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

29.7.63

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 that should 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

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.)	Good	
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	P & S Good	32 Detuner or vibration damper
33 Main engine driven pumps			

State Port P. or Starboard S.

34 Crankcase doors & explosion relief devices

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle) **Yes**

36 Essential independent pumps **Outboard boiler feed; Condenser circulating main and Auxiliary; Independent air pump; Feed water transfer; Auxiliary feed; Boiler fuel (two); General service. All Good.**

Bilge pump Stbd side. †

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

41 Heaters (state service) **Feed water & Boiler fuel (2) Good.**

42 Feed water filters

43 Auxiliary air receivers & safety devices

44 Starting air pipes

45 Main air receivers & safety devices

46 Independent air compressors coolers & safety devices

Identify by position

47 Oil fuel tanks (not forming part of the hull structure)

48 Have all evaporators safety valves been tested under steam?

49 Evaporators HP & LP **Not in use blanked off.**

50 Distillers

51 Fire extinguishing arrangements **Good**

52 Steering machinery **Opened up Good**

53 Windlass **Opened up Good.**

AUXILIARY ENGINES For main and auxiliary condenser pumps; Dynamo; **Good.**

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

† Bilge pump water end to be renewed by 6/64 (12 months).

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.

