

11 MAY 1964

Ship's Name ~~SS~~MS "LIKHOSLAVL" 22,371 Gross tons of Odessa  
Is there a rpt. 8? No Port Hiroshima Rpt. No. 4023  
No. of visits 1 First date & Last date 28-4-64  
Interim Cert. issued Yes No. Damage rpt. issued - Last rpt. (H.Q. only) HIR 3008.  
& copy herewith? C-16167 & copy herewith?  
Date of completing rpt. 4-5-64 Surveyed at, if different from Port above -  
Is a rpt. 9B attached? No MN 3600 Nature of survey CSM  
Survey fees Damage fee Expenses  
CSM £30-0-0 £1-0-0  
S.A. fee

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

1	Cyls., covers, pistons & rods	No.1 & 6 units	good
2	Valves & gears		
3	Con. rods, top ends & guides centre		Side
4	Crankpins & bearings centre		Side
5	Journals & bearings		

## 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)

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

I recommend that the machinery of this ship remain as classed with ~~without~~ fresh record of CSM(with date) on completion.

(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 2 JUN 1964  
Minute As now

K. Okada  
Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

SRL

POSTING

HEADER

CERT

Lloyd's Register  
Foundation

012734-012743-0298



Exhaust steam turbines (with recip. eng.)	20	Thrust blocks	21	shafts & bearings	
Steam compressors	22	Intermediate shafts & bearings	23		
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		
Main engine driven pumps	33			Detuner or vibration damper	32

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)
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36 Essential independent pumps

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	40	Lub. oil coolers
41	Heaters (state service)	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		
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
51	Fire extinguishing arrangements	52	Steering machinery
		53	Windlass

Identify  
by  
position

## AUXILIARY ENGINES

## PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Owner representative proposed to credit this survey as continuous survey of machinery.

### Wear & tear repairs:

No.1 & 6 cylinder liners: Examined both liners & found circumferencial collars at the top of exhaust ports and faces of ribs in way of exhaust port show the sign of hard contact compare with rest parts of liners, now ground smooth collars in way, by oil stone and made in good order.

Other minor repairs & adjustment made.

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.