

COPY

LLOYD'S REGISTER OF SHIPPING



Port H A M B U R G

11th December, 1960

This is to Certify *that I have*

Surveyed the Machinery of the **S.S. "INDIAN NAVIGATOR"** 7660 tons gross
of Calcutta, whilst the ship lay afloat and in drydock at Hamburg
on the 12th November, 1960 and subsequently, for CS, SPS and Repairs

*and that I will transmit to the Committee of Lloyd's Register of
Shipping, London, a Report stating that all recommendations made by
me in connection therewith have been carried out to my satisfaction; also
that I will Recommend that in the case of this Vessel the following
Survey Records be made in the Supplement to the Register Book*
SPS 12.60 now, and CS (with date) when the Survey has been completed

*and that her Machinery Classification Record be continued in the Book.
without special condition regarding the main reduction gear HP
pinion and 1st reduction wheel bein renewed by 12.60.*

Parts now examined:

(C.S. Items only)

HP- and LP main turbines throughout
HP and LP flexible couplings
Main reduction gear (renewed) with thrust
Main engine holding down bolts and chocks
Main condenser
Outboard generator engine with turbine and gear
Outboard auxiliary condenser
Outboard auxiliary lub. oil cooler
Auxiliary air ejector with condenser

p.t.o.

R.F. Kahler
Engineer Surveyor to Lloyd's Register
(R.F. Kahler)

KEY TO ABBREVIATIONS

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

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

"While the Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default or negligence of any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."

(Cert. B.1.) 150m,3,59 (MADE AND PRINTED IN ENGLAND.)

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LLOYD'S REGISTER OF SHIPPING
 (antiproceder) pump water feed main and aft
 Pwd. and aft main feed water pumps (reciprocating)
 Steering gear rams and starboard hydraulic pump
 Emergency fire pump in steering gear room.



Port HAMBURG
 11th December, 1960

This is to Certify that I have

Surveyed the Machinery of the S.S. "INDIAN NAVIGATOR" 7600 tons Gross of Calcutta, whilst the ship lay afloat and in drydock at Hamburg on the 12th November, 1960 and subsequently, for CE, SPS and Repairs

and that I will transmit to the Committee of Lloyd's Register of Shipping, London, a Report stating that all recommendations made by me in connection therewith have been carried out to my satisfaction; also that I will Recommend that in the case of this Vessel the following Survey Records be made in the Supplement to the Register Book

and that her Machinery Classification Record be continued in the Book. without special condition regarding the main reduction gear HP 12.60 and 1st reduction wheel being renewed by 12.60.

Parts now examined:
 (C.S. Items only)

HP and LP main turbines throughout
 HP and LP flexible couplings
 Main reduction gear (renewed) with thrust
 Main engine holding down bolts and checks
 Main condenser
 Mainboard generator engine with turbine and gear
 Mainboard auxiliary condenser
 Mainboard auxiliary lube oil cooler
 Mainboard air ejector with condenser

Engineer Surveyor to Lloyd's Register
 (R.I. KANIER)

KEY TO ABBREVIATIONS
 T(CE) Tailshaft Survey—Oil Gland
 TSN Tailshaft renewed
 T(C) Tailshaft Survey—Continuous Liner
 T2 Tailshaft Survey
 SPS Steam Generator Survey
 SPS Steam Generator Survey

ABS
 CE
 DBS
 ES
 MB
 MES
 OF

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(Cert. B.1.) 1500/20 (1960 and 1961)