

COPY

LLOYD'S REGISTER OF SHIPPING

4747



Port YOKOHAMA

8th June, 1963

This is to Certify that I have surveyed part of the machinery of the **M.S. "VIRGINIA MARU"**, **7633** Gross tons of Tokyo for Completion of CSM, ABS and Docking Survey on the 25th May, 1963 and subsequently whilst the ship lay in drydock and afloat at Yokohama,

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 **CSM (6/63), ABS (6/63).**

Parts now examined:-

DOCKING :- Propeller, Sea connections, outside fastenings and aft. end of stern tube.

MAIN ENGINE:-

No.1 Cyl., cover, piston & rod, valves & gears,
Con. rod, top ends & guides, Crank pin and bearings.
Nos.4 & 6 Journals & bearings.
No.5 Intermediate shaft & bearings.
Holding down bolts & checks.
Crankcase doors & explosion relief devices.
Manoeuvring test.

AUXILIARIES:-

Cooling S.W. pump, Cooling F.W. pump, Inboard L.O. pump, Aft. Feed Water pump, F.O. Transfer pump (stm driven), F.O. Transfer pump (motor driven), Bilge & sanitary pump, L.O. Transfer pump, Aft. F.O. Supply pump, Oil burning pump (motor driven).

T. Nishimura

Surveyor to Lloyd's Register of Shipping

P.T.O.

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) EP 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(OC)	Tailshaft Survey—Oil Gland

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(Cert. B.1.) 5,63 KOB

611368-011377-0128

LLOYD'S REGISTER OF SHIPPING



- Forced draught fan (stm. driven).
- Bilge, ballast & oil fuel suction lines, fittings & controls. Aft. F.W. cooler, Feed water heater, O.F. heater for M.E. Both O.F. heaters for aux. boiler.
- Feed water filter. **Port**
- Aux. air receiver & safety device.
- Starting air pipes.
- Fore & Aft. F.O. settling tank for M.E.
- Fore & Aft F.O. service tank for M.E.
- Settling & Service tank for aux. oil engine.
- Both settling tanks for aux. boiler.
- Fire extinguishing arrangements.
- Steering machinery. Windlass.
- Outboard auxiliary oil engine in its entirety.
- Electrical equipment.

This is to Certify that the machinery of the ship is in accordance with the Rules of the Register of Shipping.

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.

Parts now examined:-

ENGINE - Propeller, sea connections, outside fastenings and all parts of steam tube.

MAIN MACHINERY:-

No. 1 Oil... cover, piston & rod, valves & gears.
 No. 2 Oil... cover, piston & rod, valves & gears.
 No. 3 Oil... cover, piston & rod, valves & gears.
 No. 4 Oil... cover, piston & rod, valves & gears.
 No. 5 Oil... cover, piston & rod, valves & gears.
 No. 6 Oil... cover, piston & rod, valves & gears.
 No. 7 Oil... cover, piston & rod, valves & gears.
 No. 8 Oil... cover, piston & rod, valves & gears.
 No. 9 Oil... cover, piston & rod, valves & gears.
 No. 10 Oil... cover, piston & rod, valves & gears.

WATER TIGHT PARTS:-

No. 1... cover, piston & rod, valves & gears.
 No. 2... cover, piston & rod, valves & gears.
 No. 3... cover, piston & rod, valves & gears.
 No. 4... cover, piston & rod, valves & gears.
 No. 5... cover, piston & rod, valves & gears.
 No. 6... cover, piston & rod, valves & gears.
 No. 7... cover, piston & rod, valves & gears.
 No. 8... cover, piston & rod, valves & gears.
 No. 9... cover, piston & rod, valves & gears.
 No. 10... cover, piston & rod, valves & gears.

[Signature]
 Surveyor to Lloyd's Register of Shipping

KEY TO ABBREVIATIONS

AB	Anchor Bitter Iron	BR	Brass
CB	Cast Iron	CR	Copper
CC	Cast Steel	CS	Cast Steel
CD	Cast Iron	CS	Cast Steel
CE	Cast Iron	CS	Cast Steel
CF	Cast Iron	CS	Cast Steel
CG	Cast Iron	CS	Cast Steel
CH	Cast Iron	CS	Cast Steel
CI	Cast Iron	CS	Cast Steel
CJ	Cast Iron	CS	Cast Steel
CK	Cast Iron	CS	Cast Steel
CL	Cast Iron	CS	Cast Steel
CM	Cast Iron	CS	Cast Steel
CN	Cast Iron	CS	Cast Steel
CO	Cast Iron	CS	Cast Steel
CP	Cast Iron	CS	Cast Steel
CQ	Cast Iron	CS	Cast Steel
CR	Cast Iron	CS	Cast Steel
CS	Cast Steel	CS	Cast Steel
CT	Cast Iron	CS	Cast Steel
CU	Copper	CS	Cast Steel
CV	Cast Iron	CS	Cast Steel
CW	Cast Iron	CS	Cast Steel
CX	Cast Iron	CS	Cast Steel
CY	Cast Iron	CS	Cast Steel
CZ	Cast Iron	CS	Cast Steel
DA	Cast Iron	CS	Cast Steel
DB	Cast Iron	CS	Cast Steel
DC	Cast Iron	CS	Cast Steel
DD	Cast Iron	CS	Cast Steel
DE	Cast Iron	CS	Cast Steel
DF	Cast Iron	CS	Cast Steel
DG	Cast Iron	CS	Cast Steel
DH	Cast Iron	CS	Cast Steel
DI	Cast Iron	CS	Cast Steel
DJ	Cast Iron	CS	Cast Steel
DK	Cast Iron	CS	Cast Steel
DL	Cast Iron	CS	Cast Steel
DM	Cast Iron	CS	Cast Steel
DN	Cast Iron	CS	Cast Steel
DO	Cast Iron	CS	Cast Steel
DP	Cast Iron	CS	Cast Steel
DQ	Cast Iron	CS	Cast Steel
DR	Cast Iron	CS	Cast Steel
DS	Cast Iron	CS	Cast Steel
DT	Cast Iron	CS	Cast Steel
DU	Cast Iron	CS	Cast Steel
DV	Cast Iron	CS	Cast Steel
DW	Cast Iron	CS	Cast Steel
DX	Cast Iron	CS	Cast Steel
DY	Cast Iron	CS	Cast Steel
DZ	Cast Iron	CS	Cast Steel
EA	Cast Iron	CS	Cast Steel
EB	Cast Iron	CS	Cast Steel
EC	Cast Iron	CS	Cast Steel
ED	Cast Iron	CS	Cast Steel
EE	Cast Iron	CS	Cast Steel
EF	Cast Iron	CS	Cast Steel
EG	Cast Iron	CS	Cast Steel
EH	Cast Iron	CS	Cast Steel
EI	Cast Iron	CS	Cast Steel
EJ	Cast Iron	CS	Cast Steel
EK	Cast Iron	CS	Cast Steel
EL	Cast Iron	CS	Cast Steel
EM	Cast Iron	CS	Cast Steel
EN	Cast Iron	CS	Cast Steel
EO	Cast Iron	CS	Cast Steel
EP	Cast Iron	CS	Cast Steel
EQ	Cast Iron	CS	Cast Steel
ER	Cast Iron	CS	Cast Steel
ES	Cast Iron	CS	Cast Steel
ET	Cast Iron	CS	Cast Steel
EU	Cast Iron	CS	Cast Steel
EV	Cast Iron	CS	Cast Steel
EW	Cast Iron	CS	Cast Steel
EX	Cast Iron	CS	Cast Steel
EY	Cast Iron	CS	Cast Steel
EZ	Cast Iron	CS	Cast Steel
FA	Cast Iron	CS	Cast Steel
FB	Cast Iron	CS	Cast Steel
FC	Cast Iron	CS	Cast Steel
FD	Cast Iron	CS	Cast Steel
FE	Cast Iron	CS	Cast Steel
FF	Cast Iron	CS	Cast Steel
FG	Cast Iron	CS	Cast Steel
FH	Cast Iron	CS	Cast Steel
FI	Cast Iron	CS	Cast Steel
FJ	Cast Iron	CS	Cast Steel
FK	Cast Iron	CS	Cast Steel
FL	Cast Iron	CS	Cast Steel
FM	Cast Iron	CS	Cast Steel
FN	Cast Iron	CS	Cast Steel
FO	Cast Iron	CS	Cast Steel
FP	Cast Iron	CS	Cast Steel
FQ	Cast Iron	CS	Cast Steel
FR	Cast Iron	CS	Cast Steel
FS	Cast Iron	CS	Cast Steel
FT	Cast Iron	CS	Cast Steel
FU	Cast Iron	CS	Cast Steel
FV	Cast Iron	CS	Cast Steel
FW	Cast Iron	CS	Cast Steel
FX	Cast Iron	CS	Cast Steel
FY	Cast Iron	CS	Cast Steel
FZ	Cast Iron	CS	Cast Steel
GA	Cast Iron	CS	Cast Steel
GB	Cast Iron	CS	Cast Steel
GC	Cast Iron	CS	Cast Steel
GD	Cast Iron	CS	Cast Steel
GE	Cast Iron	CS	Cast Steel
GF	Cast Iron	CS	Cast Steel
GG	Cast Iron	CS	Cast Steel
GH	Cast Iron	CS	Cast Steel
GI	Cast Iron	CS	Cast Steel
GJ	Cast Iron	CS	Cast Steel
GK	Cast Iron	CS	Cast Steel
GL	Cast Iron	CS	Cast Steel
GM	Cast Iron	CS	Cast Steel
GN	Cast Iron	CS	Cast Steel
GO	Cast Iron	CS	Cast Steel
GP	Cast Iron	CS	Cast Steel
GQ	Cast Iron	CS	Cast Steel
GR	Cast Iron	CS	Cast Steel
GS	Cast Iron	CS	Cast Steel
GT	Cast Iron	CS	Cast Steel
GU	Cast Iron	CS	Cast Steel
GV	Cast Iron	CS	Cast Steel
GW	Cast Iron	CS	Cast Steel
GX	Cast Iron	CS	Cast Steel
GY	Cast Iron	CS	Cast Steel
GZ	Cast Iron	CS	Cast Steel
HA	Cast Iron	CS	Cast Steel
HB	Cast Iron	CS	Cast Steel
HC	Cast Iron	CS	Cast Steel
HD	Cast Iron	CS	Cast Steel
HE	Cast Iron	CS	Cast Steel
HF	Cast Iron	CS	Cast Steel
HG	Cast Iron	CS	Cast Steel
HH	Cast Iron	CS	Cast Steel
HI	Cast Iron	CS	Cast Steel
HJ	Cast Iron	CS	Cast Steel
HK	Cast Iron	CS	Cast Steel
HL	Cast Iron	CS	Cast Steel
HM	Cast Iron	CS	Cast Steel
HN	Cast Iron	CS	Cast Steel
HO	Cast Iron	CS	Cast Steel
HP	Cast Iron	CS	Cast Steel
HQ	Cast Iron	CS	Cast Steel
HR	Cast Iron	CS	Cast Steel
HS	Cast Iron	CS	Cast Steel
HT	Cast Iron	CS	Cast Steel
HU	Cast Iron	CS	Cast Steel
HV	Cast Iron	CS	Cast Steel
HW	Cast Iron	CS	Cast Steel
HX	Cast Iron	CS	Cast Steel
HY	Cast Iron	CS	Cast Steel
HZ	Cast Iron	CS	Cast Steel
IA	Cast Iron	CS	Cast Steel
IB	Cast Iron	CS	Cast Steel
IC	Cast Iron	CS	Cast Steel
ID	Cast Iron	CS	Cast Steel
IE	Cast Iron	CS	Cast Steel
IF	Cast Iron	CS	Cast Steel
IG	Cast Iron	CS	Cast Steel
IH	Cast Iron	CS	Cast Steel
II	Cast Iron	CS	Cast Steel
IJ	Cast Iron	CS	Cast Steel
IK	Cast Iron	CS	Cast Steel
IL	Cast Iron	CS	Cast Steel
IM	Cast Iron	CS	Cast Steel
IN	Cast Iron	CS	Cast Steel
IO	Cast Iron	CS	Cast Steel
IP	Cast Iron	CS	Cast Steel
IQ	Cast Iron	CS	Cast Steel
IR	Cast Iron	CS	Cast Steel
IS	Cast Iron	CS	Cast Steel
IT	Cast Iron	CS	Cast Steel
IU	Cast Iron	CS	Cast Steel
IV	Cast Iron	CS	Cast Steel
IW	Cast Iron	CS	Cast Steel
IX	Cast Iron	CS	Cast Steel
IY	Cast Iron	CS	Cast Steel
IZ	Cast Iron	CS	Cast Steel
JA	Cast Iron	CS	Cast Steel
JB	Cast Iron	CS	Cast Steel
JC	Cast Iron	CS	Cast Steel
JD	Cast Iron	CS	Cast Steel
JE	Cast Iron	CS	Cast Steel
JF	Cast Iron	CS	Cast Steel
JG	Cast Iron	CS	Cast Steel
JH	Cast Iron	CS	Cast Steel
JI	Cast Iron	CS	Cast Steel
JJ	Cast Iron	CS	Cast Steel
JK	Cast Iron	CS	Cast Steel
JL	Cast Iron	CS	Cast Steel
JM	Cast Iron	CS	Cast Steel
JN	Cast Iron	CS	Cast Steel
JO	Cast Iron	CS	Cast Steel
JP	Cast Iron	CS	Cast Steel
JQ	Cast Iron	CS	Cast Steel
JR	Cast Iron	CS	Cast Steel
JS	Cast Iron	CS	Cast Steel
JT	Cast Iron	CS	Cast Steel
JU	Cast Iron	CS	Cast Steel
JV	Cast Iron	CS	Cast Steel
JW	Cast Iron	CS	Cast Steel
JX	Cast Iron	CS	Cast Steel
JY	Cast Iron	CS	Cast Steel
JZ	Cast Iron	CS	Cast Steel
KA	Cast Iron	CS	Cast Steel
KB	Cast Iron	CS	Cast Steel
KC	Cast Iron	CS	Cast Steel
KD	Cast Iron	CS	Cast Steel
KE	Cast Iron	CS	Cast Steel
KF	Cast Iron	CS	Cast Steel
KG	Cast Iron	CS	Cast Steel
KH	Cast Iron	CS	Cast Steel
KI	Cast Iron	CS	Cast Steel
KJ	Cast Iron	CS	Cast Steel
KK	Cast Iron	CS	Cast Steel
KL	Cast Iron	CS	Cast Steel
KM	Cast Iron	CS	Cast Steel
KN	Cast Iron	CS	Cast Steel
KO	Cast Iron	CS	Cast Steel
KP	Cast Iron	CS	Cast Steel
KQ	Cast Iron	CS	Cast Steel
KR	Cast Iron	CS	Cast Steel
KS	Cast Iron	CS	Cast Steel
KT	Cast Iron	CS	Cast Steel
KU	Cast Iron	CS	Cast Steel
KV	Cast Iron	CS	Cast Steel
KW	Cast Iron	CS	Cast Steel
KX	Cast Iron	CS	Cast Steel
KY	Cast Iron	CS	Cast Steel
KZ	Cast Iron	CS	Cast Steel
LA	Cast Iron	CS	Cast Steel
LB	Cast Iron	CS	Cast Steel
LC	Cast Iron	CS	Cast Steel
LD	Cast Iron	CS	Cast Steel
LE	Cast Iron	CS	Cast Steel
LF	Cast Iron	CS	Cast Steel
LG	Cast Iron	CS	Cast Steel
LH	Cast Iron	CS	Cast Steel
LI	Cast Iron	CS	Cast Steel
LJ	Cast Iron	CS	Cast Steel
LK	Cast Iron	CS	Cast Steel
LL	Cast Iron	CS	Cast Steel
LM	Cast Iron	CS	Cast Steel
LN	Cast Iron	CS	Cast Steel
LO	Cast Iron	CS	Cast Steel
LP	Cast Iron	CS	Cast Steel
LQ	Cast Iron	CS	Cast Steel
LR	Cast Iron	CS	Cast Steel
LS	Cast Iron	CS	Cast Steel
LT	Cast Iron	CS	Cast Steel
LU	Cast Iron	CS	Cast Steel
LV	Cast Iron	CS	Cast Steel
LW	Cast Iron	CS	Cast Steel
LX	Cast Iron	CS	Cast Steel
LY	Cast Iron	CS	Cast Steel
LZ	Cast Iron	CS	Cast Steel
MA	Cast Iron	CS	Cast Steel
MB	Cast Iron	CS	Cast Steel
MC	Cast Iron	CS	Cast Steel
MD	Cast Iron	CS	Cast Steel
ME	Cast Iron	CS	Cast Steel
MF	Cast Iron	CS	Cast Steel
MG	Cast Iron	CS	Cast Steel
MH	Cast Iron	CS	Cast Steel
MI	Cast Iron	CS	Cast Steel
MJ	Cast Iron	CS	Cast Steel
MK	Cast Iron	CS	Cast Steel
ML	Cast Iron	CS	Cast Steel
MM	Cast Iron	CS	Cast Steel
MN	Cast Iron	CS	Cast Steel
MO	Cast Iron	CS	Cast Steel
MP	Cast Iron	CS	Cast Steel
MQ	Cast Iron	CS	Cast Steel
MR	Cast Iron	CS	Cast Steel
MS	Cast Iron	CS	Cast Steel
MT	Cast Iron	CS	Cast Steel
MU	Cast Iron	CS	Cast Steel
MV	Cast Iron	CS	Cast Steel
MW	Cast Iron	CS	Cast Steel
MX	Cast Iron	CS	Cast Steel
MY	Cast Iron	CS	Cast Steel
MZ	Cast Iron	CS	Cast Steel
NA	Cast Iron	CS	Cast Steel
NB	Cast Iron	CS	Cast Steel
NC	Cast Iron	CS	Cast Steel
ND	Cast Iron	CS	Cast Steel
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NG	Cast Iron	CS	Cast Steel
NH	Cast Iron	CS	Cast Steel
NI	Cast Iron	CS	Cast Steel
NJ	Cast Iron	CS	Cast Steel
NK	Cast Iron	CS	Cast Steel