

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report Dec. 23rd 22

When handed in at Local Office

is

Port of

Kobe

No. in
Reg. Book.

Survey held at

Tama, Uno

Date, First Survey

Dec. 6th

Last Survey

Dec. 18th 19 22

on the Wood, Iron or Steel

S/S "HORAISAN MARU"

Master

TONNAGE:-

Built at Osaka

By whom

Osaka Iron Works, Ltd.

When 1917

MONTH.

GROSS

6072

Owners

Mitsui Bussan Kaisha

Port belonging to

Kobe

UNDER DEK

5171

Owners' Address

NET

4453

(If not already recorded in Appendix to Register Book).

Surveyed Afloat or in Dry Dock? both

Name of Dock Mitsui Dkyd

Destined Voyage

WB=CellDBorDBa

feet; uE&B

feet; f

feet; f

total capacity

tons. FPT

tons; APT

tons; MT

feet

tons.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER, for Special Survey, Date of last Survey and of Periodical Surveys.	Year Assigned and expired.	Machinery and Boiler Surveys (including date of N.B., if any).
100 A1 4.21		LMC 12.21
		T.S. CL 12.21

N.B.—All alterations in the existing records should be underlined.

If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the better space.

Last Report, No. 3363 Port Kob

(Periodical Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be summarized in the form shown below. Whenever the replacement of Anchors or Chains is reported, the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.

Society's Freeboard (if assigned) as painted on Ship and now verified } ft. ins.

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined? Was a damage report made by anyone else? If so, by whom?

REPAIRS, OR EXAMINATION AS PER RULE, FOR Annual, Docking, Repair, SRL, completion of S.S.No.1; also deep Tank for Carrying Vegetable Oil.

NOW DONE:- Vessel placed in dry dock. Hull, bottom, sternframe and rudder cleaned, examined found or now placed in good condition and recoated.

Decks, hatches, hatchways, vents and coamings, holds and tween deck spaces, and equipment generally examined and found or now placed in good condition.

Completion of Special Survey No.1.

All hold ceiling lifted, tank top and bilges throughout cleaned. Double bottom tanks, F & A Peak tanks and Deep tank were tested as per rule by water to top of air pipes on weather decks and found tight.

Coal bunkers examined and found in good condition, and now recoated.

P.T.O.

SUMMARY OF DAMAGE REPAIRS:-	Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:-
Renewed								
Removed and Faired or Repaired								
Faired or Repaired in place								

PRESENT CONDITION OF THE

Decks	Good	State if Tanks have been examined inside	DT. APT. + D. Blush O.F.	Doing Plates under Sounding Pipes	✓	Copper, or Y.M. of Wood Vessels (State if on Felt.)	When put on, Month	Year
Caulking of Decks	"	State if Tanks now tested	Yes	Engine Room Skylights	Good	Boats		
Waterways	"	Bulkheads	Good	Coal Bunkers, Open'gs, Lids, &c.	"	Masts, Yards, &c.	Good	
Coamings	"	Ceiling	"	Scuppers	"	Condition, how ascertained from deck	(State if wedges removed)	
Beams & Fastenings	"	Cement or Asphalt (State which.)	part cement	Cargo Hatchways	"	Sails		
Outside Plating	"	Rudder	Good	Hatches	"	Equipment letter	2	
Caulking of ditto	"	Steering gear and its connections	"	Planking of Wood Vessels		Anchors, No. of	3B, 1S, 1K	
Rivets	"	Windlass	"	Caulking	ditto	Cables (State if now ranged)	Yes	
Breasthooks & Crutches	✓	Have Pumps now been examined and found efficient?	✓	Treenails	ditto	" length	270 fms	size 21
Transoms	Good	Have Sluice Valves now been examined and found efficient?	✓	Breasthooks & Stemson	ditto	" (on board)	270 "	size "
Frames	"	Have Watertight Doors now been examined and found efficient?	✓	Transoms, Pointers, & Crutches ditto		Rule length	270 "	size "
Reverse Frames	"	Have Ventilators and their Coamings been examined and found efficient?	Yes	Timbers of Frame at openings ditto		Hawser & Warps	Good	
Floors	"			Ditto ditto at other places ditto		Standing & Running Rigging	"	
Keelsons	✓			Stringers, Clamps & Shells ditto				
Stringers	✓			Salting (State if examined.)	ditto			
Inner Bottom Plating	Good							

General Observations, Opinion as to Class, Recommendation, &c.:-

State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:- "to remain as now classed in the Register Book without fresh record of Survey," "to remain as classed and to have record of survey, 1,15," or "to remain as classed and to have record of survey, 1,15, and the notations of ss No. 1-15 and ptND15, &c."

This vessel so far as now seen, is in good condition and eligible in my opinion to be continued as classed with fresh record of survey 12-22, and the notation S.S.Kobe No.1-1921, and "Deep Tank tested for Vegetable Oil" (See Copy of Special Certif.)

The notation "Pt Cement" to be inserted in Register Book.

Survey Fee (per Section 28) Yen 170.00

Special Damage or Repair Fee (if any) (per Sec. 29) 50.00

Travelling Expenses (if chargeable) inclg machy 87.00

Second Surveyor's Fee (if any) 2

Fees applied for,

Dec. 19 19 22

Received by me,

Dec 19 19 22

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

TUE. 13 MAR. 1923

Character Assigned

100A1

Note

No. 1-21

Lmb. 12.22 Subject

FRI. FEB 22 1924

Lloyd's Register Foundation

H667-0023

Alterations for Oil Fuel.

close ceiling on 2" cross battens has been fitted to inner bottom plating throughout the holds.

The thick cement has been removed from all double bottom tanks except under Engines and Boilers.

Alterations to Deep Tank for Carrying Vegetable Oil.

The Deep tank ventilators to tween deck space were blanked off and 2 new 5" air pipes fitted up to bridge deck.

The deep tank was afterwards tested to top of air pipes and found tight.

The deep tank hatch covers were fitted with extra intermediate bolts 1" diam.

At aft W.T. bulkhead of deep tank, wood sparring ^{fixed,} with wood gutterways on wide horizontal stiffener and on inner bottom, to protect cargo from damage.

The tank top of deep tank between the two W.T. bulkheads has now been fitted with a scupper P & S. draining to No. 3 hold, each scupper being fitted with a cock at bulkhead and an extension spindle to bridge deck, operated by a locking spanner.

The lead bends to D.T.ballast valve box have been removed and W.I.pipes fitted ins

Repairs due to wear and tear:-

In aft peak tank, aft W.T. floor made water tight by Elec.welding edges of doubling plate, and renewing a number of slack frame rivets to shell and tap rivets through doubling plate to frames P & S.

In Aft hold, at aft end of bilge P & S., 9 margin angles to tank side brackets removed (leaking) and new 5" x 5" angles fitted with double riveting (3 on P. side and 6 on S. side).

Conts below,

When Anchors or Cables are supplied, the particulars are to be reported in the following form:—

ANCHORS.

[illegible]

* When a bower anchor is supplied it must be clearly stated whether it is a 1st, 2nd, or 3rd bower.

CHAIN CABLES.

[illegible]

2 new gusset plates (1 P. & 1 S.) six ft long fitted at aft end.

A few slack shell rivets in f & a ends ^{in bottom} - - renewed.

Adatt