

6 SEP 1964

mers.....Port belonging to.

012193, 012202-0281

Crown Stays: Material _____ Tensile strength _____ Diameter { at body of stay, _____ or over threads, _____

No. of threads per inch _____ Screw Stays: Material _____ Tensile strength _____

Diameter { at turned off part, _____ or over threads, _____ No. of threads per inch _____ Are the stays drilled at the outer ends _____

Tubes: Material _____ O.H. steel _____ External diameter { plain _____ 65 mm ✓ stay _____ 65 mm ✓ Thickness { 3.5 mm ✓ 8 mm ✓

No. of threads per inch _____ 9 ✓ Pitch of tubes _____ 90 x 105 mm ✓

Manhole Compensation: Size of opening in shell plate _____ Section of compensating ring _____ No. of rivets and dia _____

of rivet holes _____ Outer row rivet pitch at ends _____ Depth of flange if manhole flanged _____ 85 mm ✓

Uptake: External diameter _____ Thickness of uptake plate _____

Cross Tubes: No. _____ External diameters { _____ Thickness of plates _____

Have all the requirements of Sections 14 to 22 inclusive for boilers been complied with _____ Yes _____

The foregoing is a correct description,

Hirano Manufactured by HIRANO IRON WORKS CO., LTD.

Dates of Survey while building { During progress of work in shops - - 1959:- Nov.18,24, Dec. 3,14,16 1960:- Jan.11,14,23,25,26,28, Feb.,3 Is the approved plan of boiler forwarded herewith 13-1-1960 (If not state date of approval.)

{ During erection on board vessel - - - Total No. of visits 12

Is this Boiler a duplicate of a previous case _____ If so, state Vessel's name and Report No. _____

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) _____

This boiler has been constructed under Special Survey in accordance with the Rules, approved plans and Secretariat letters.

The material and workmanship are sound and good.

The boiler has been examined under hydraulically and found good.

Description	Roll No.	Charge No.	Name of Maker
Shell Cover	D 2931	T 9413	Nippon Kokan K.K., Tsurumi Iron Works
Top Shell	D 2173	T 9108	- do -
Bottom Shell	"	"	- do -
Middle Shell	C 9981	T 6833	- do -
Tube Plate (Front)	D 337	T 9562	- do -
Tube Plate (Back)	D 205	T 9562	- do -
Furnace	D 7856	T 6115	- do -
Ogee-Ring	D 2080	T 9734	- do -
Outer Butt Strap	D 8404	K 4478	- do -
Inner Butt Strap	D 2173	T 9108	- do -

Survey Fee ... £ 24 75:0.-

Travelling Expenses (if any) £ 3 70:0.-

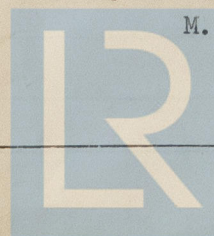
When applied for MAY 12 1960

When received 19

Date FRIDAY 14 OCT 1960

Committee's Minute See Rpt. 1

Engineer Surveyor to Lloyd's Register of Shipping M. Hayashibara



Lloyd's Register Foundation