

S. NO. H-161

Aux. Boiler Steel Plate  
Boiler No. 93 (Double Evaporation, Water Tube Boiler: Port Side Boiler)  
LR NO. B-15115 & SG-15116

1963

Particulars	Makers & Process	Size mm	Mill Sheet LR. No.	Charge No.	Plate No.	T.S. Kg/mm	Elongation %	Bend 180°	Vessel LR. No.
Steam Drum Tube Plate	Fuji Iron and Steel Co., Ltd.	64x1460x3360	1039	Hj 6421	E 789	46.7	31.0	Good	B - 15115 ( 93-1)
"		23x1040x3660	868-1	Da-800	X8103-1	48.7	31.0	Good	
Shell Plate		32x1100x1100	868-1	Hj 6464	X8273-1	47.6	30.0	Good	
" End Plate		26x1100x1100	1039	Da-800	X7761-1	48.7	31.0	Good	
"	"	60x1440x3100	868-1	Da-1015	E 757-1	47.6	31.0	Good	
Water Drum Tube Plate		22x890x3400	772-2	Da-1015	X7779-1	48.8	31.0	Good	
" Shell Plate		30x1020x1020	868-1	Hj 6464	X8275-1	47.8	33.0	Good	
"		25x1020x1020	"	Da-1108	X11810-2	49.0	27.5	Good	
"		30 <sup>t</sup> x152x30 <sup>t</sup> x3180 <sup>L</sup>	FA.F.1100-2	N 14706	VMD.5137-2	46.5	35	Good	
Wall Header	Sumitomo	18x2590x2590	868-2	Hj 6421	X7833-1	48.4	29.0	Good	SG - 15116 ( 93-2)
Shell Plate	"	"	"	"	" -4	48.4	29.0	Good	
"		24x1500x2100	772-1	Da-1018	X6216-2	51.1	27.0	Good	
Cone Plate		"	"	"	" -3	51.1	27.0	Good	
"		27x2180x2180	868-2	Da-1018	X6215-2	51.2	30.0	Good	
End Plate	"	33x1270x1270	772-1	Da-1018	X8308-2	51.7	28.0	Good	
Steam Chest									

Note: Open hearth process ..... The others  
Electric furnace process .....

Certified

Surveyor to Lloyd's Register of Shipping

Chief of Eng. Inspection Section, Hiroshima Works  
Mitsubishi Shipbuilding & Engineering Co., Ltd.



S. NO. H-161

Aux. Boiler Steel Plate  
Boiler No. 94 (Double Evaporation, Water Tube Boiler: Star-<sub>bd</sub> Side Boiler)  
LR. No. B-15117 & SG-15118

1963

Particulars	Makers & Process	Size mm	Mill Sheet LR. No.	Charge No.	Plate No.	T.S. Kg/mm	Elongation %	Bend 180°	Vessel LR.No.
Steam Drum Tube Plate	Fuji Iron and Steel Co., Ltd.	64x1460x3360	868-1	Da-626	E 744-1	48.0	35.0	Good	B - 15117 ( 94-1)
" "		23x1040x3660	"	Da-800	X8103-2	48.7	31.0	Good	
Shell Plate		32x1100x1100	"	Hj-6464	X8273-2	47.6	30.0	Good	
" "		26x1100x1100	1039	Da-800	X7761-2	48.7	31.0	Good	
Water Drum Tube Plate	"	60x1440x3100	868-1	Da-1015	E757-2	47.5	33.5	Good	
" "		22x890x3400	772-2	Da-1015	X7779-2	48.8	31.0	Good	
Shell Plate		30x1020x1020	868-1	Hj-6464	X8275-2	47.8	33.0	Good	
" "		25x1020x1020	"	Da-1108	X11810-1	49.0	27.5	Good	
Wall Header	Sumitomo	30 <sup>t</sup> x152x30 <sup>t</sup> x3180 <sup>L</sup>	FA-F-1100-1	Ch. No. N14705	VMD.51B7-1	48.9	34	Good	
Shell Plate	"	18x2590x2590	868-2	Hj-6421	X7833-2	48.4	29.0	Good	SG - 15118 ( 94-2)
" "		"	"	"	" -3	47.8	28.0	Good	
Cone Plate		24x1500x2100	"	Da-1018	X11245	52.1	30.5	Good	
" "		"	772-1	"	X6216-4	51.1	27.0	Good	
End Plate	"	27x2180x2180	868-2	Da-1018	X6215-1	51.2	30.0	Good	
" "		"	"	"	"	"	"	"	
Steam Chest		33x1270x1270	772-1	Da-1018	X8308-1	51.7	28.0	Good	
" "		"	"	"	"	"	"	"	

Open hearth process .....  
Electric furnace process ..... The others

Note:

Certified

*H. Okada*  
Surveyor to Lloyd's Register of Shipping

Chief of Eng. Inspection Section, Hiroshima Works  
Mitsubishi Shipbuilding & Engineering Co., Ltd.



M. V. "LIKHOSIAVL" (USSR) Advice Note (3)  
S. No. H-161

AUX. BOILER TUBE

5. Feb. 1963

mitsubishi HIROSHIMA DOUBLE EVAPORATION  
WATER TUBE BOILER

2 SETS

	MATERIALS			SIZE (mm)			NO OF PCS.				MAKER'S NAME		
	MILL SHEET NO.	WORKING NO.	SPECIFIED	D	T	L	WORK. SPE.	SUP. SPE.	SHOP. SPE.	TOTAL			
BOILER LRS NO B-15117 & B-15115	110	YXC 5678	LRS BOILER TUBE CARBON STEEL	25.4	2.6	3240	122	4	32	158			SUMITOMO METAL INDUSTRIES, LTD. AMAGASAKI, WORKS
	109	YXC 5677	"	"	"	3100	122	4		126			"
	96	YXC 5676	"	"	"	2960	122	4		126			"
	108	YXC 5675	"	"	"	2850	122	4		126			"
	82	YXC 5674	"	"	"	2750	122	4	120	246			"
	107	YXC 5673	"	"	"	2660	122	4		126			"
	105	YXC 5671	"	"	"	2580	122	4		126			"
	78	YXC 5669	"	"	"	2500	122	4		126			"
	95	YXC 5667	"	"	"	2460	122	4		126			"
	102	YXC 5666	"	"	"	2420	122	4		126			"
PRIMARY BOILER NO 93-1 & 94-1	101	YXC 5664	"	"	"	2380	122	4		126			"
	80	YXC 5663	"	"	"	2370	488	16		504			"
	81	YXC 5665	"	"	"	2400	244	8		252			"
	103	YXC 5668	"	"	"	2480	122	4		126			"
	106	YXC 5672	"	"	"	2600	122	4		126			"
	104	YXC 5670	"	25.4	2.6	2520	122	4		126			"
	1035	YXA 6189	"	50.8	4.5	4150	86	2	4	92			"
	1064	YXA 6187	"	"	"	2750	60	2		62			"
	1034	YXA 6188	"	"	"	2950	60	2	8	70			"
	DRUM LRS NO 15G-15116 & 15G-15118	1089	MBX 5162	"	25.4	2.6	4813	40	2	2	44		
1090		MBX 5163	"	"	"	6914	40	2	2	44			"
1091		MBX 5164	"	"	"	7009	38	2	2	42			"
1092		MBX 5165	"	"	"	7104	36	2	2	40			"
1093		MBX 5166	"	"	"	7200	34	2	2	38			"
1094		MBX 5167	"	"	"	7295	24	2	2	28			"
1095		MBX 5168	"	"	"	7418	22	2	2	26			"
1096		MBX 5169	"	"	"	7486	24	2	2	28			"
1097		MBX 5170	"	"	"	7580	12	2	2	16			"
SECONDARY 93-2 BOILER NO 94-2													

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H. Osada  
SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

CHIEF OF NO 2 INSPECTION SECTION  
HIROSHIMA WORKS  
mitsubishi SHIPBUILDING & ENG. CO., LTD.