

# NO. 1074. STRUCTURAL ARRANGEMENT.

SCALE 1/8 IN. TO 1 FT.

TO CLASS LLOYD'S + 100.A.I. &  
"TEISHINSHO" 1<sup>ST</sup> CLASS HEAVY DECKER.  
L.B.P. 275'-0" x B.M.D. 41'-0" x D.M.D. 20'-6".

GIRDERS AT HEADS OF WIDELY SPACED PILLARS

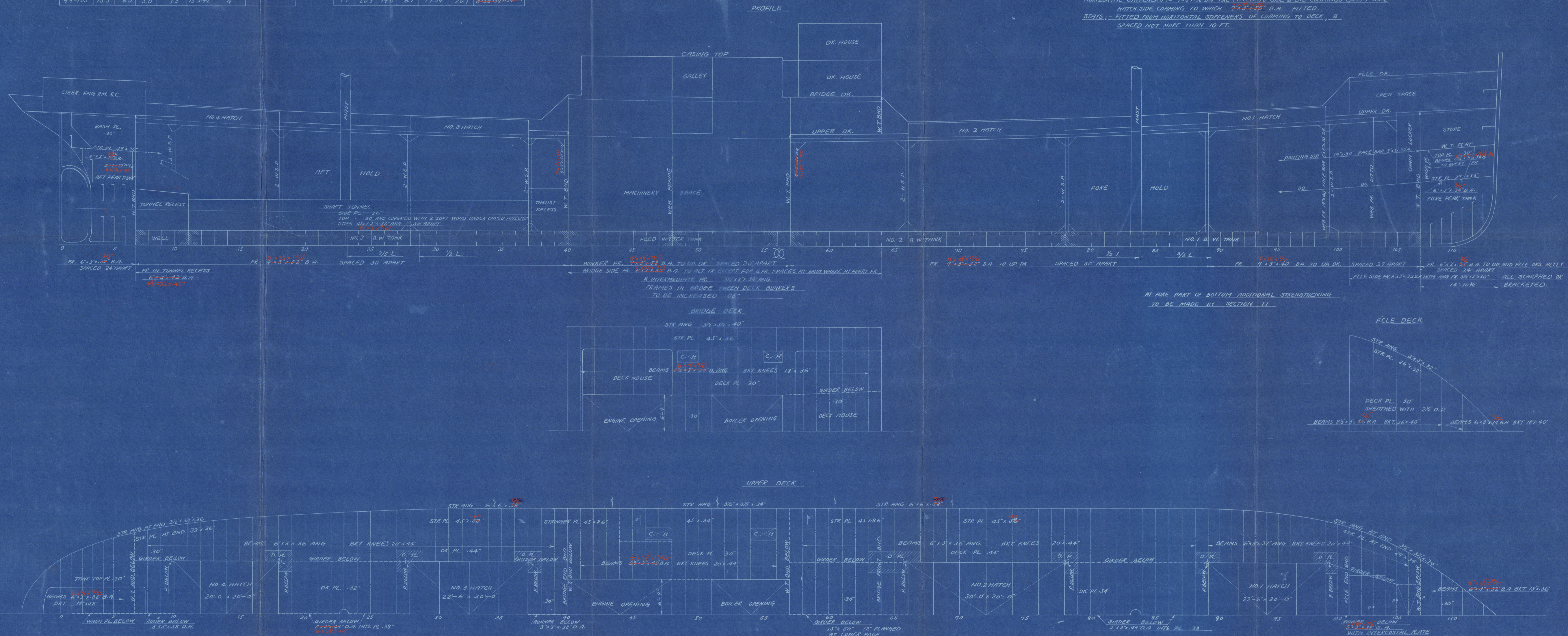
FR. NO.	S	B	H	S x B x H 100	GIRDER PL. BOTTOM PL.	REMARKS
10-18	20.0	14.0	50 x 13	3 64	15 x 44	3" NO. 4 HATCH SIDE
18-28	25.0	9.7	5.0	303	15 x 42	12 1/2"
28-37	22.5	15.0	50 x 13	4 44	15 x 44	3" NO. 3 HATCH SIDE
57-66	22.5	10.1	7.0	338	15 x 50	12"
66-78	30.0	15.1	50 x 13	8 83	15 x 44	12" NO. 2 HATCH SIDE
78-89	27.5	10.1	5.0	382	15 x 42	15"
89-99	22.5	14.8	50 x 13	4 87	15 x 44	3" NO. 1 HATCH SIDE
99-105	13.5	8.0	5.0	73	15 x 42	4"

WIDELY SPACED PILLARS

FR. NO.	S	B	H	S x B x H 100	L. OF PILLARS	SIZES OF PILLARS
10	13.8	13.8	5.0	9.52	10.0	6 x 3 x 3 x 36 3/4"
18	22.5	14.4	5.0	16.20	19.3	8 x 3 1/2 x 3 1/2 x 48"
28	23.8	14.9	5.0	17.73	18.5	8 x 3 1/2 x 3 1/2 x 50"
37	15.0	15.0	5.0	11.25	18.0	7 x 3 1/2 x 3 1/2 x 42"
66	26.3	15.1	6.7	26.61	17.4	8 x 3 1/2 x 3 1/2 x 56"
78	28.8	15.1	5.0	21.74	18.2	8 x 3 1/2 x 3 1/2 x 52"
89	25.0	15.0	5.0	18.75	19.3	8 x 3 1/2 x 3 1/2 x 52"
99	20.3	14.0	6.1	17.34	20.7	8 x 3 1/2 x 3 1/2 x 54"

HATCH	SIZE	COAMINGS HT. ABOVE DECK x THICK.	COAMING ANGLE	HATCHWAY NO. - WEB PL.	BEAM 4 ANGLES	HATCH BOARD
NO. 1 HATCH	22'-6" x 20'-0"	30" x 44"	3 x 3 x 44"	3-19 1/2 x 38"	4 x 3 x 44"	3"
NO. 2 "	30'-0" x 20'-0"	DO.	DO.	5-18 x 36"	DO.	2 1/2"
NO. 3 "	22'-6" x 20'-0"	"	"	3-19 1/2 x 38"	"	3"
NO. 4 "	20'-0" x 20'-0"	"	"	3-18 x 36"	"	2 1/2"

HORIZONTAL STIFFENERS:- 7 x 3 x 38 B.A. ARE FITTED TO SIDE & END COAMINGS EXCEPT NO. 2  
HATCH SIDE COAMING TO WHICH 7 x 3 x 50 B.A. FITTED.  
STAYS:- FITTED FROM HORIZONTAL STIFFENERS OF COAMING TO DECK, &  
SPACED NOT MORE THAN 10 FT.





NO 1074

STRUCTURAL  
ARRANGEMENT

8/5 Teikushi Maru



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Lloyd's Register  
Foundation

008608-008617-0361