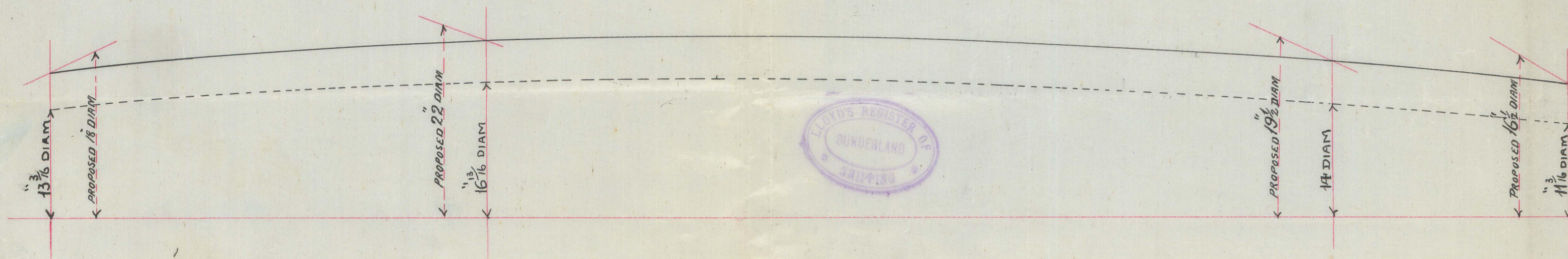


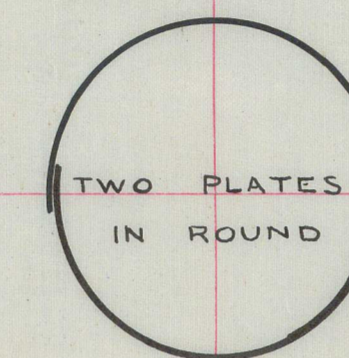
# PROPOSED DIAMETERS & SCANTLINGS OF MASTS FOR N<sup>o</sup> 192



## MAIN MAST

HOUSING 18.7  
DECK TO HOUNDS 36.0  
HEAD 10.0

TOTAL LENGTH 64.7



### DIAMETERS AT

	PARTNERS	HEEL	HOUNDS	HEAD
RULES FOR SAILING SHIPS =	21 x 5/16	16 1/2 x 5/16	17 1/2 x 5/16	14 x 5/16
REDUCTION OF 1/5 <sup>TH</sup> FOR STEAMERS = (FORE & AFT SAIL ONLY)	16 13/16 x 5/16	13 3/16 x 5/16	14 x 5/16	11 3/16 x 5/16
DIAM <sup>RS</sup> INTENDED TO WORK TO =	22 x 5/16	18 x 5/16	19 1/2 x 5/16	16 1/2 x 5/16

## SCANTLINGS

MASTS BUILT OF IRON

SEAMS DOUBLE RIV<sup>D</sup> (SINGLE RIV<sup>D</sup> SEAMS ALLOWED BY RULE)

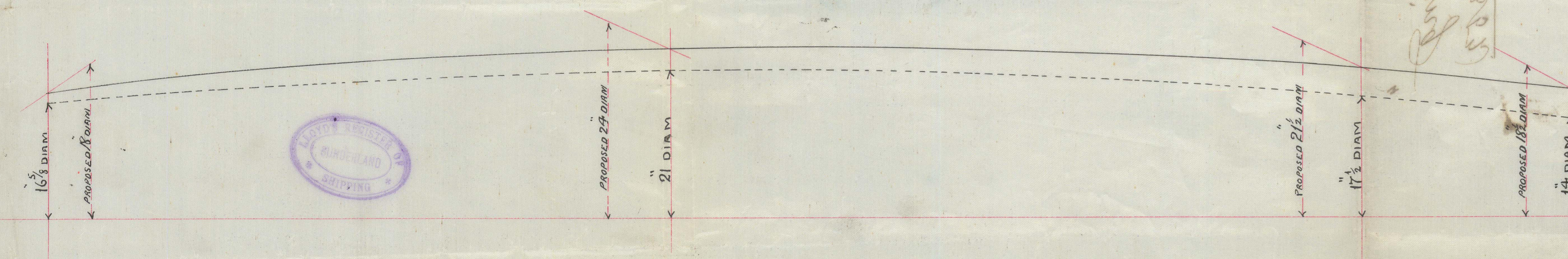
BUTTS IN WAY OF PARTNERS TREBLE RIV<sup>D</sup> REMAINING BUTTS DOUBLE TREBLE

RIVETED IN LIEU OF SINGLE RIV<sup>D</sup> SEAMS

STRAPS 1/16 THICKER THAN PLATES THROUGHOUT & FITTED INSIDE

MASTS DOUBLED AT WEDGING WITH PLATES 6.0 x 5/16

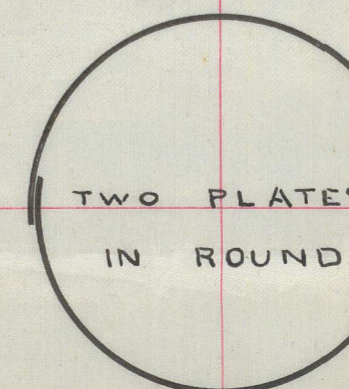
MASTS ALSO STRENGTHENED AT HEEL.



## FORE MAST

HOUSING 29.10  
DECK TO HOUNDS 33.0  
HEAD 10.0

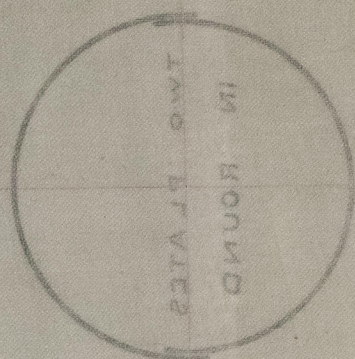
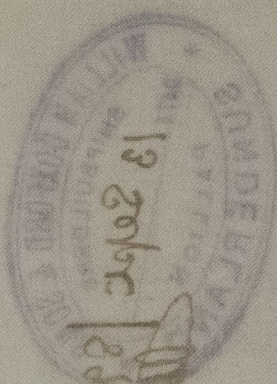
TOTAL LENGTH 72.10



### DIAMETERS AT

	PARTNERS	HEEL	HOUNDS	HEAD
RULES FOR SAILING SHIPS =	24 x 5/16	19 x 5/16	20 x 5/16	16 x 5/16
REDUCTION OF 1/8 <sup>TH</sup> FOR STEAMERS =	21 x 5/16	16 5/8 x 5/16	17 1/2 x 5/16	14 x 5/16
DIAM <sup>RS</sup> INTENDED TO WORK TO =	24 x 5/16	18 x 5/16	21 1/2 x 5/16	18 1/2 x 5/16

Maori King  
Sld 15352



HEAD 10.0  
DECK TO HOUNDS 22.0  
HOUSING 53.10  
TOTAL LENGTH 85.10

DIAM. INTENDED TO WORK TO =  
REDUCTION OF  $\frac{1}{11}$  FOR STEAMERS =  
RULES FOR SAILING SHIPS =

DIAMETERS AT	HEAD	HOUNDS	HEEL	BARTINERS
	18 1/2 x 1/8	14 1/2 x 3/8	11 1/2 x 3/8	8 1/2 x 1/8
	14 1/2 x 3/8	11 1/2 x 3/8	10 1/2 x 3/8	8 1/2 x 1/8
	14 1/2 x 3/8	10 1/2 x 3/8	10 1/2 x 3/8	8 1/2 x 1/8
	14 1/2 x 3/8	10 1/2 x 3/8	10 1/2 x 3/8	8 1/2 x 1/8

MASTS ALSO STRENGTHENED AT HEEL.

MASTS DOUBLED AT WEDGING WITH PLATES 6.0 x 3/8

STRAPS 1/2 THICKER THAN PLATES THROUGHOUT & BUTTED INSIDE

RIVETED IN-THE-UP-SINGLE-RING-SEAMS

BUTTS IN-THE-UP-BARTINERS' REMAINING BUTTS DOUBLE RIVETS

SEAMS DOUBLE RIVETS (IMPROVED-UP-SEAMS-DOUBLE-RIVETS)

MASTS BUILT OF IRON

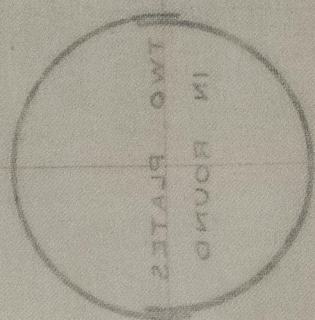
## SCANTLINGS

DIAM. INTENDED TO WORK TO = 53 x 1/8 - 18 x 3/8 - 10 1/2 x 3/8 - 10 1/2 x 3/8  
REDUCTION OF  $\frac{1}{11}$  FOR STEAMERS = 10 1/2 x 3/8 - 14 1/2 x 3/8 - 11 1/2 x 3/8  
RULES FOR SAILING SHIPS = 8 1/2 x 1/8 - 10 1/2 x 3/8 - 10 1/2 x 3/8 - 10 1/2 x 3/8

DIAMETERS AT	HEAD	HOUNDS	HEEL	BARTINERS
	18 1/2 x 1/8	14 1/2 x 3/8	11 1/2 x 3/8	8 1/2 x 1/8
	14 1/2 x 3/8	11 1/2 x 3/8	10 1/2 x 3/8	8 1/2 x 1/8
	14 1/2 x 3/8	10 1/2 x 3/8	10 1/2 x 3/8	8 1/2 x 1/8
	14 1/2 x 3/8	10 1/2 x 3/8	10 1/2 x 3/8	8 1/2 x 1/8

TOTAL LENGTH 85.10

HEAD 10.0  
DECK TO HOUNDS 22.0  
HOUSING 53.10  
TOTAL LENGTH 85.10



PROPOSED DIAMETERS & SCANTLINGS

MAIN MAST

FORE MAST