

NOS 242-3.

RUDDER, STERN FRAME & SHAFT BRACKET. (ALTERNATIVE DESIGN)

SCALE $\frac{1}{2}$ INCH TO ONE FOOT.

SCANTLING NUMBER:-

FOR MAX. SERVICE SPEED NOT EXCEEDING 12 KNOTS AT DRAUGHT 26'-8"	
A (TOTAL IMMERSIBLE AREA)	140.57
D	3.53
A x D	504.65

FOR MAX. SPEED 14 KNOTS AT DRAUGHT 19'-3 1/2"	
A (AREA AT DRAUGHT 19'-3 1/2")	103.33
D	3.72
A x D	386.43

MATERIALS:-

STERN FRAME-DUCTILE CAST STEEL.
SHAFT BRACKET:-
RUDDER FRAME & STOCK-FORGED STEEL.
PINTLES:-

PARTICULARS:-

STERN FRAME WITH LIGHTNING BULB BRACES.
SHAFT BRACKET & RUDDER AS PER PLAN.
(11' x 33" STERN FRAME).
BOSSES ROUGHLY BORED.
RUDDER:- SINGLE PLATE SYSTEM.
RUDDER HEAD 10' DIA.
DIA. OF MAINPIECE AT HEEL 1/2" DIA.
ARMS 10' x 1/2" AT POINT.
RIVET HOLES FOR 1/2" DIA. RIVET.
SPACE AS REQUIRED BY RULE (5' 1/8" C.O.C.).
DIA. OF PORTABLE PINTLE SHEATHED
WITH BRASS.
THICKNESS OF PLATE 1/2".

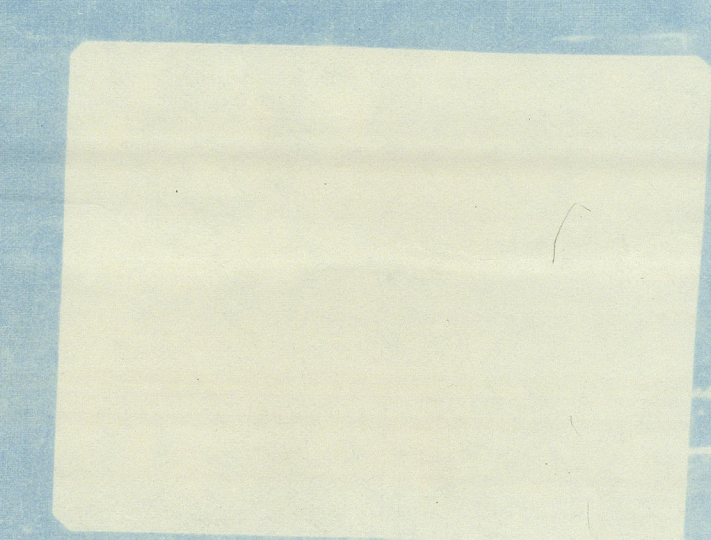
SHAFT BRACKET.



Attended by Cable to 381

Approved:
(Signature)
11-12-13

11/13



*Altered
Forgings*

N^o 243

TOYAMA MARU

Nagasaki Rept. N^o 994

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