

1. INSIDE RUDDER SPACE NOT TO BE PACKED.
2. ALL BOLTS & NUTS TO BE WHITWORTH THREAD.
3. RUDDER TEST PRESSURE 15 LBS PER SQ. INCH.

SEA SPEED	15 KNOTS
RUDDER AREA (A)	12.27 SQ.METER
D.	1.111 $\frac{3}{4}$ "
A x D. x 100	1.363
TOTAL RUDDER AREA	17.651 SQ.METER
DIA. OF RUDDER HEAD	290 $\frac{1}{4}$ " DIA. (RULE 280 $\frac{1}{4}$ " DIA.)

SUBJECT	MATERIAL	WEIGHT
RUDDER STOCK (WITH EYE BOLT KEY.)	FORGED STEEL	4,387.6 K.T.
MAIN PIECE	"	}
TOP CASTING	CAST	
BOTTOM "	"	
ARM	"	
INT ST ARM	"	8,280.0
EDGE PIECE	MILD	}
FRONT "	CAST	
PLATE & ETC.	MILD	
PINTLES, BOLTS & NUTS.	FORGED	
TOTAL RUDDER WEIGHT		19,358.7 K.T.

Nagasaki Report No. 2005

"Noshiro Maru"

ex SN^o 581

M.S. "NOSHIRO MARU"

RUDDER

(FINISHED PLAN)

SCALE $\frac{1}{20}$

136^m × 19^m × 10.5^m

三菱重工業株式會社			
長崎造船所			
造船設計課商船係			
送り先			
主	任	檢	製
9.11.3	9.11.3	9.11.3	9.11.3
出圖番號		出圖日附	



Lloyd's Register
Foundation

009256 - 009266 - 0082

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