



PRINCIPAL PARTICULARS

LENGTH BETWEEN P.P.	(1)	145' 200"
BREADTH MOULDED	(2)	12' 600"
DEPTH	(3)	12' 500"
DRAUGHT DESIGNED	(4)	8' 800"
TRIAL SPEED AT 1/2 LOADED MAX. CONT. OUTPUT	11,250 B.H.P.	20.5 knots
SEA SPEED AT FULL LOADED MAX. CONT. OUTPUT	11,250 B.H.P.	13.3 "
RUDDER HEIGHT		5' 200"
TOTAL WIDTH		5' 200"
AREA	(A)	13' 240"
AREA THICKNESS		1/8"
AREA RATIO		1/18.5
RUDDER STOCK DIAMETER		7' 200"
DISTANCE ABOUT THE C.L. OF RUDDER STOCK TO C.G. OF RUDDER AREA		18.300"
NORMAL SPEED		18.300 knots
RUDDER STOCK DIAMETER		1.300"
SEA SPEED		18.300 knots
RUDDER STOCK DIAMETER		1.300"
TWISTING MOMENT (AT 35' SPEED 22.55" GROSS TON) BEAUFORT 8 (SPEED)		24.000"

MATERIAL LIST

NO.	ITEM	MATERIAL	QTY.	WEIGHT
(1)	STERN FRAME	S.S. 42	1	23' 900"
(2)	RUDDER POST	S.S. 42	1	4' 000"
(3)	UPPER SLEEVE	S.S. 42	1	1' 187"
(4)	LOWER SLEEVE	S.S. 42	1	1' 187"
(5)	9/16" REAMER BOLT	S.S. 42	6	139"
(6)	5/8" NUT	S.S. 42	6	030"
(7)	1/2" PIN	S.S. 42	6	030"
(8)	KEY	S.S. 42	1	037"
(9)	NUT	S.S. 42	1	080"
(10)	1/2" PIN	S.S. 42	1	080"
(11)	PACKING	RUBBER	2	
(12)	RUDDER	RUBBER	1	2' 500"
(13)	RUDDER MAIN PIECE	RUBBER	1	1' 187"
(14)	RUDDER AFT EDGE R.B.	RUBBER	1	1' 187"
(15)	RUDDER COUPLING	S.S. 42	1	620"
(16)	UPPER BEARING	S.S. 42	1	620"
(17)	LOWER BEARING	S.S. 42	1	620"
(18)	BUSH	LINUMITE	1	
(19)	BUSH STOPPER	N.B. 1/2"	6	
(20)	STOP RING	S.S. 42	1	
(21)	9/16" X 3/4" SCREW	N.B. 1/2"	6	
(22)	FILLING PLUG	S.S. 42	2	
(23)	DRAIN PLUG	S.S. 42	2	
(24)	9/16" SCREW	STAINLESS STEEL	24	
(25)	TOP BEGGER BOLT	S.S. 42	6	134"
(26)	1/2" PIN	S.S. 42	6	
(27)	9/16" NUT	S.S. 42	6	030"
(28)	RUDDER STOCK	(WATER PUMP)	1	4' 500"
(29)	EYE BOLT	S.S. 42	1	
(30)	ZINC PLATE	Z.N. (3AP)	37	
(31)	3/4" STUD NUT WASHER	S.S. 42	1	
(32)	EYE BOLT HOLE COVER	S.S. 42	1	
(33)	RUDDER FRAME	S.S. 42	1	
(34)	BEARING	U.H. 50	2	
(35)	KEY	S.S. 42	1	014"
(36)	SLEEVE IN RUDDER STOCK	S.S. 42	1	
(37)	9/16" SET SCREW	S.S. 42	2	

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Kobe Rpt. No.	FE 5921
Port of Survey.	TAMANO
Name of Ship.	"MEGUROSAN MARU" ★
Title of Plan.	RUDDER & STERNFRAME

