

CLASSED:- + 100A1 AT LLOYD.

SCANTLING NUMERALS :-

STEM.	10 $\frac{1}{2}$ x 2 $\frac{3}{4}$	ROLLED STEEL.
STERN POST	AS PER PLAN	CAST STEEL.
RUDDER POST	" " "	" "
RUDDER	AS PER RULE.	

DOUBLE BOTTOM :-

PLATES				
DESCRIPTIONS.	$\frac{1}{2}$ L	ENDS	END SPACE	RIV OF BUTT LAP
CENTER GIRDER PLATE	$44'' \times 54''$	$.44''$	$.54''$	3R
SIDE	$.44''$	$40 \frac{3}{8} \times 1 \frac{1}{2}$ PER END	$.54''$	3R
ADDITIONAL SIDE GIRDER IN ENGINE FORWARD AS PER PLAN.			$3 \frac{1}{2}$ L	
MARGIN	PLATE	$37'' \times 54''$	$3 \frac{1}{2} \times 3 \frac{1}{2}$ AT EACH END $37'' \times 54''$ AT FORE END	$.54''$ 3R
TANK TOP PLATES	MIDDLE	$52'' \times 50''$	$.62''$	$.52''$ 3R-2R
	OTHERS	$.64''$	180 AT AFT END 33	$.52''$ 2R
SOLID FLOOR PLATE		$.60''$	$.60''$	$.50''$
TANK END FLOOR PLATE		$.68''$	$.68''$	$.50''$
TANK SIDE BRACKET PLATE		$.50$ EXCEPT FROM 1/2 L & R FORWARD WHERE $.46''$		
GUSSET PLATE		$.48$ CONTINUOUS PLATE		

ANGLES

DESCRIPTIONS	1/2 L. M.	ENDS.	ENG. SPACE
CENTER GIRDER			
TOP ANGLE	3½" 3½" x 52" D.A.	3½" 3½" x 48" D.A.	3½" 3½" x 52" D.A.
BOTTOM "	4" x 4" 58" D.A.	4" x 4" x 54" D.A.	4" x 4" x 58" D.A.
VERTICAL "	3" 3½" x 3½" x 42" S.A.		5" x 5" x 56" S.A.
SIDE GIRDER			
TOP	3½" (F5) FL	3½" (F5) S.A. PORT 3½" FL & PORT	5" x 5" x 56" S.A.
BOTTOM ANGLE	3½" x 3½" x 42" S.A.		3½" (F5) FL AT AFT END
VERTICAL "	3" x 3" x 38" "		
O.T. OR W.T. FLOOR			
BOUNDARY ANGLE	3½" x 3½" x 50" "		
MARGIN ANGLE	3½" x 3½" x 52" "		
FRAME ANGLE	3½" 3½" x 42" S.A. (INTERCOSTAL EXCEPT IN MECH. ROOM WHERE CONTINUOUS)		5" x 5" x 42" S.A. (FOR 3½" FL FORWARD (CONTINUOUS) 3½" x 3½" S.A. (CONT. IN ENG. END)
REVERSE FRAME ANG.	3½" 3½" x 42" S.A. (INTERCOSTAL)		
MARGIN PLATE	3½" 3½" x 62" S.A. EXCEPT IN WAY OF		
VERTICAL ANG. INSIDE	DEEP FRAME & WEB FRAME		
& OUTSIDE TANK	WHERE		5" x 5" x 46" S.A.
FLOOR PL. STIFF ANG.	3½" x 3½" x 42" "		SPACE AS PER PLAN EXCEPT ON WET BARGE, WHICH TO APPOINT

SHELL PLATES :-

NOTE :-

ALL CHANNEL & BULB ANGLES
ARE OF NEW BRITISH STANDARD
ON 1924.

FRAME SPACE		33'		27'		REMARKS
DECK		SIZE	KNEE	SIZE	KNEE	
FILE				11' x 3½' x 4' BA	35' x 54'	FITTED ON ALT. FR. FITTED ON EV. FR.
BRIDGE		9' x 3½' x 40' BA	27' x 48'			
POOP		8' x 3' x 36'	24' x 40'			
2ND UPPER	CROSS BEAM IN	10' x 3½' x 40'	30' x 48'			
	OTHER	9' x 3½' x 42'	27' x 48'	8' x 3½' x 46 BA	24' x 48'	
2ND LOWER	DEEP TANK IR	12' x 3½' x 48'	36' x 40' 3/8 FL			
	OTHER	10' x 3½' x 40'	30' x 40' 2/3 FL	9' x 3½' x 38 BA	27' x 48'	
N.B.: SCANTLING OF HALF BEAM, PANTING BEAM, BEAMS AT ENDS & STRONG BEAMS IN ENG SPACE AS PER PROFILE.						

FRAME :-

SCANTLING	24'	FOR PEAKS		
	27'	" BEYOND	3/5 L. & TO COLL. BHD	
	33'	" OTHERS.		
	FRAME SPACING		IN HOLD	TWEEN DM
		IN TUNNEL RECESS	10' x 3 1/2' x 4' B.A.	INTERMEDIATE FRAMES IN BELLIONS
	33'	ABOVE " "	10' x 3 1/2' x 4' "	6' x 3 1/2' x 3' B.A.
		IN DEEP TANK	12' x 3 1/2' x 4' "	12' SCARPHED AT BELOW UP. DECK
		OTHER TANK	12' x 3 1/2' x 4' "	IN BRIDGE
	27'	FWF FRAME	11' x 3 1/2' x 4' (WITH) DEPM. KEY FR. 6' x 3 1/2' x 4' (W/ 12)	6' x 3 1/2' x 3' ANGLE 12' SCARPHED AT BELOW UP. DECK
		DIN 124-132	11' x 3 1/2' x 4' B.A.	6' x 3 1/2' x 3' B.A. IN FLE
24'	IN F.P.T	8' x 3 1/2' x 3' B.A.	6' x 3 1/2' x 3' ANGLE 12' SCARPHED AT BELOW UP. DECK	
	IN A.P.T			
EXTENSION OF TUNNEL DM FRAME	IN WAY OF F.C.L	F.C.L & UPPER DM ALTERNATELY		
	" " BRIDGE	BRIDGE & UPPER DM ALTY. EXCEPT 4 FRAME SPAC. AT BRIDGE ENDS WHERE TO BRIDGE DECK.		
	IN " OF POOP	POOP & UPPER DECK ALTERNATELY		
N.B.:		WEB FRAMES AS PER PROFILE.		

ASANO SHIPBUILDING CO. LTD. YOKOHAMA, JAPAN.			
ORDER NO.	S. NO 270	DESIGN NO.	
TITLE		MARU	
DRAWING		MIDSHIP SECTION.	
SCALE	$\frac{1}{2}''$	TO	1'-0"
TRACED BY		PLAN ISSUED FOR	
DRAWN BY	<i>W. J. [Signature]</i>	SENDING NO.	
CHECKED BY	<i>[Signature]</i>	DATE ISSUED	
APPROVED BY	<i>[Signature]</i>	PLAN NO.	D2
DATE	DEC 1 1960		

G. Kawahara
Jan. 16th 1930

9
Soyo Maru

007553-007562-0209

3 1/2 x 4 1/2 S.A.

ASANO SHIPBUILDING CO. LTD. YOKOHAMA, JAPAN.			
ORDER NO.	S. No 270	DESIGN No	
TITLE OF DRAWINGS	M.S. SOYO MARU MIDSHIP SECTION		
SCALE	1/2" TO 1'-0"		
TRACED BY	PLAN ISSUED FOR		
DRAWN BY	SENDING NO.		
CHECKED BY	DATE ISSUED		
APPROVED BY			
DATE	PLAN No. D2/		

007553-007562-0209

Y. Kawahara.

Jan. 16th 1930.