

LENGTH B.P. 385.0
BREADTH EXT. 53.9
MLO. 53.5
DEPTH MLO. 26.0 $\frac{3}{4}$

DEPTHS TO LENGTH = 11.30

S. S. N^o 504-8.

NUMERALS:-
BREADTH MLO. 53.41
DEPTH 26.06
79.47 = FRAME N^o
LENGTH = 385
30596 = LONGITUD. N^o

EQUIPMENT NUMERALS:-
B + D x L = 30596
SHELTER Dk. ERECTION 385 x 8 x .75 2310
CASING 71.25 x 7.5 x .5 267
SALOON 25.5 x 7.5 x .5 96
33269 EQUIPMENT N^o

SHELTER DECK .44 TO .38 IRON OR STEEL WHERE EXPOSED.
.40 .34 STEEL WHERE NOT
DOUBLE RIV. OVERLAP BUTTS $\frac{1}{2}$ LTH SINGLE AT ENDS.
PLAN WILL BE SUBMITTED

SHELTER DECK STRINGER 55 x .56 FOR $\frac{1}{2}$ LTH.
TREBLE RIV. OVERLAP BUTTS.
TO 34 x .42 AT ENDS, DOUBLE RIV. BUTTS
STRINGER BAR 5 x 5 x .58 TO 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .42.

HATCHES AS PER PROFILE.

SHEERSTRAKE .74 TO .44
QUAD RIV. OVERLAP BUTTS $\frac{1}{2}$ LTH.
TREBLE AT ENDS, WHERE NOT EXCEEDING .68.

STRAKE BELOW SHEERSTRAKE.
.64 TO .44, QUAD RIV. OVERLAP BUTTS
FOR $\frac{1}{2}$ LTH. TREBLE AT ENDS.

ALTERNATE 11 CHANNEL FRAMES
TO SHELTER DECK.
INTERMEDIATE STIFFERS 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .40.

UPPER Dk. STRINGER 46 x .46 TO 34 x .42
TREBLE RIV. OVERLAP BUTTS $\frac{1}{2}$ LTH. DOUBLE AT ENDS
STRINGER BARS 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .46 TO .42

UPPER Dk. BEAMS COVERED WITH STEEL PLATING
.34 TO .30, SINGLE RIV. OVERLAP BUTTS.
PLAN WILL BE SUBMITTED

HATCHES AS PER PROFILE

FORGINGS:-
RUDDER POST 9 x 7 $\frac{1}{2}$
PROPELLER 10 x 7 $\frac{1}{2}$
STEM 10 x 2 $\frac{3}{4}$
RUDDER:-
A x D = UNDER 390.
SPEED 10 KNOTS
RUDDER HEAD 9 DIA.
PLAN WILL BE SUBMITTED.

HOLD PILLARS:- DOUBLE CHANNELS.
4-3 APART.
14 TO 16 FT. 7 x 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .46
16 - 18 - - - .48

22 TO 24 FT. 9 x 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .48
24 - 26 - - - .50
26 - 28 - - - .52
28 - 30 - - - .56

RIVETTING OF PILLARS AS PER RULES.
PILLARS AT DEEP HATCH END BEAMS
TO BE INCREASED .04, & ALSO TO BE FITTED
WITH FACE PLATES SAME THICKNESS AS
CHANNELS, & BRACKETED HEAD & HEEL
OR 2 PILLARS .04 LESS THAN THICKNESSES
TABULATED ABOVE

FRAMES:-
SPACED 25 $\frac{1}{2}$ APART BETWEEN PEAKS
11 x 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .48 CHANNELS.
TO UPPER Dk. WHERE UPPER Dk. BEAM.
SHELTER No

INTERMEDIATE STIFFERS ABOVE UPPER Dk.
3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .40

PEAK FRAMES 24 APART
ANGLE FRAME 6 x 3 $\frac{1}{2}$ x .36 } 6 GIRDER.
REVERSE 3 x 3 $\frac{1}{2}$ x .36 }
OR BULB ANGLES 7 x 3 $\frac{1}{2}$ x .42.

TANK MARGIN PLATE 35 x .46 .56 IN B.S.
BREADTH REDUCED AT AFT. END AS PER RULE
BUTTS OVERLAPPED & TREBLE RIV. $\frac{1}{2}$ LTH. DOUBLE AT ENDS

BRACKETS OUTSIDE TANK .40 TO .36
.50 IN B.S.
B.O.T. CONNECTIONS TO MARGIN PLATE 6 x 6 x .46 TO .44, .50 IN B.S.

12 RIVETS IN EACH FLANGE, 10 AT AFTER END WHERE
MARGIN PLATE NOT EXCEEDING 30 WIDE.

3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .40 VERTICAL ANGLES ON W.T. FLOORS
MIDWAY BETWEEN GIRDERS, WHERE GIRDERS
ARE MORE THAN 6.0 APART.

GUSSET ANGLE 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .42 EVERY 2ND FRAME

TANK WEBS EVERY FRAME
.40 TO .36 .50 IN B.S.
INTERC. GIRDERS .38 TO .36
.48 IN B.S.

TANK TOP IN HOLDS .44 TO .38 STEEL.
E.S. .52 IRON
B.S. .56 IRON.

TANK TOP BUTTS OVERLAPPED &
DOUBLE RIV. $\frac{1}{2}$ LTH. SINGLE AT ENDS.
DOUBLE REVERSE IN ENG. SPACE &
UNDER BOILER BEARERS.

2 $\frac{1}{2}$ HOLD CEILING.

TANK TOP CENTRE STRAKE

72 x .50 .42 STEEL
4.2 x .54 IRON IN E.S. .56 IRON IN BOILER SPACE.
BUTTS OVERLAPPED & TREBLE RIV. FOR $\frac{1}{2}$ LTH.
DOUBLE AT ENDS.

CENTRE KEELSON = 42 x .50 TO .40, .60 IN B.S.
TREBLE RIV. OVERLAP BUTTS.

C.K. SINGLE TOP BAR 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x .60 TO .56, .60 IN B.S.
DOUBLE BARS 3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .50 IN E.S.

C.K. VERTICALS 6 x 6 x .46 SINGLE $\frac{1}{2}$ LTH. .50 IN B.S.
11 RIVETS IN EACH FLANGE
3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .40 SINGLE AT ENDS

C.K. BOTTOM BARS 4 $\frac{1}{2}$ x 4 $\frac{1}{2}$ x .60 TO .56.

FLAT PLATE KEEL 4 $\frac{1}{2}$ x .96 FOR $\frac{3}{5}$ LTH.
WITH 1 $\frac{1}{8}$ RIVETS IN BUTTS $\frac{1}{8}$ IN SEAMS.
TO .68 AT ENDS, WITH 1 RIVETS IN BUTTS
& 1 " SEAMS

QUAD RIV. OVERLAP BUTTS FOR $\frac{3}{5}$ LENGTH.
TREBLE AT ENDS WHERE NOT EXCEEDING .76.

AMIDSHIP THICKNESSES TO BE MAINTAINED FORWARD
TO COLLISION BULKHEAD.

BOTTOM SHELL .58 TO .46

QUAD RIV. OVERLAP BUTTS WHERE PLATING ABOVE .60, OR IF OVER .66 WIDE, $\frac{1}{2}$ LENGTH.
TREBLE RIV.

3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x .46

BOSS PLATING .72
QUAD RIV. OVERLAP BUTTS.

BILGE KEEL:-
T. BAR 6 x 5 x .50
BULB PLATE 10 x .50.

Prmm



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Midship
Section

"as built"

No. 504

s/s. "Nordic"

BUNDESLAND RPT. NO. 26237

No. 508

s/s "Sydic"



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