5" × 5" × 20" (BRIDGE).
3½" × 3½" × 8.5" (POOP & FCLE).

STRINGER PLATE .56" × .56" (BRIDGE).
" " .35" × .36" (POOP & FCLE).

PLATING .42" (BRIDGE).
" .32" (POOP & FCLE).

SIDE & END COAMINGS .44"
SINGLE LUGS 3½" × 3½" × 9.8" 2-3/4" RIV.
BRIDGE DK.
8'-6"

"N" .70"

7/8" RIVETS.
23" × 23" × .42" (BRIDGE).
26" × 26" × .54" (POOP).
23" × 23" × .42" (FCLE).

BRIDGE DK. BEAMS 7" × 3.438" × 3.438" × 18.8"
CHANNELS ON EVERY FRAME.
POOP BEAMS 9" × 3.8" × 3.8" × 28.6" CHANNELS
ON ALTERNATE FRAMES.
FCLE BEAMS 7" × 3.438" × 3.438" × 18.6"
CHANNELS ON EVERY FRAME

ALTERNATE FRAMES IN BRIDGE 6" × 3½" × 13.5"
BRACKETED TO BEAMS.
POOP & FCLE 6" × 3½" × 11.7" BRACKETED
TO BEAMS AND CONNECTED TO DECK IN FCLE ONLY.

"M" .64"
CARRIED DOWN TO DECK AT ENDS OF BRIDGE.
CEMENT & COKE.

5" × 5" × 23.6" FOR ½ L CLEAR OF BRIDGE,
TO 3½" × 3½" × 9.8" IN POOP & FCLE,
3½" × 3½" × 11.1" IN BRIDGE.
STRINGER 62" × .66" FOR ½ L CLEAR OF BRIDGE
" 62" × .48" IN BRIDGE
TO 36" × .44" AT ENDS.

DK PLATING .48" FOR ½ L
CLEAR OF BRIDGE TO
.34" AT ENDS.
.40" IN WAY OF BRIDGE.

SIDE & END COAMINGS .44"
SINGLE LUGS 3½" × 3½" × 9.8" 2-3/4" RIV.
UPPER DK.
13½" CAMBER.
8'-6"
8'-6"

"L" .47" × 1.06" FOR ½ L CLEAR OF BRIDGE TO 46" AT ENDS.
.66" IN WAY OF BRIDGE.

7/8" RIVETS.
23" × 23" × .42"

BEAMS 7" × 3.438" × 3.438" × 18.6" J
ON EVERY FRAME.

9'-6½"

"K" 46" × .82" FOR ½ L CLEAR OF BRIDGE TO 46" AT ENDS.
.66" IN WAY OF BRIDGE.

2" × 6" FIR SPARRING
SPACED ABOUT 9" APART.

3½" × 3½" × 11.1" TO 9.8"
STRINGER 47" × .48" FOR ½ L
TO 35" × .44" AT ENDS.
CEMENT & COKE.

DK. PLATING .36" FOR ½ L
TO .30 AT ENDS.

2ND DECK.
COAMING .50
DBL. LUGS 5" × 5" × 16.2" 4-7/8" RIV.
8'-6"

"J" 63¼" × 66" FOR ½ L
TO .46" AT ENDS.

7/8 RIVETS.
3½" × 3½" × .54"
No 18 × 40 ON 6 INTERMEDIATE BEAMS - 3/4" RIVETS
25" × 25" × .46" ON BEAMS AT ENGINE CASING.

BEAMS 12" × 3½" × 3½" × 32.7" ON ALT. FRS.
INTERMEDIATE BEAMS IN WAY OF HATCHES.
6" × 3½" × 3½" × 15" J LUGGED TO GIRDER.
BEAMS IN WAY OF ENGINE OPENING
7" × 3.438" × 3.438" × 18.6" J ON EVERY FRAME

Approved by Insc. L.R. 15/1/18 and altered as marked on L.R. plans
10'-0"

MOULDED DEPTH 29'-9"
DEPTH d = 18'-0"

"H" 63¼" × 46" FOR ½ L
TO .46" AT ENDS.

"G" 63¼" × 66" FOR ½ L
TO .46" AT ENDS.

FRAMES 9" × 3.8" × 3.8" × 28.6" J SPACED 27"
FRAMES IN PEAKS 6" × 3½" × 11.7" 15 SPACED 24"
REV. " " " 3½" × 3" × 7.9" 15

FOR DETAIL SEE PILLAR & GIRDER PLAN.

STRINGER INT. PLATE 44"
SHELL CLIPS 3½" × 3½" × 9.8"
FACE ANGLE 7" × 3½" × 17."

MARGIN BRACKETS .42" FOR ½ L
TO .36" AT ENDS. .50" IN BOILER SPACE.
3½" × 3½" × 9.8" FROM ENG. RM. AFT.
5" × 5" × 18.1" FROM AFT END OF ENG. ROOM TO COLLISION BHD.
5" × 5" × 20" IN BOILER SPACE.
.40" GUSSETS EVERY 3RD FRAME.
3½" FLANGE.

7½" FIR CEILING LAID ON BEARERS - 2" AIR SPACE.

TANK TOP PLATING .40" FOR ½ L
TO .36" AT ENDS.
.50" IN ENGINE SPACE.
.56" IN BOILER SPACE.

FLOORS .40" FOR ½ L TO .36" AT ENDS.
.50" IN BOILER SPACE.

LONGITUDINALS .40" FOR ½ L
TO .36" AT ENDS.
.50" IN BOILER SPACE.

MIDDLE LINE STRAKE 44" × 52"
FOR ½ L .42" AT ENDS. .56"
IN BOILER SPACE.
3½" × 3½" × 12.4"
13.6" IN BOILER SPACE.

CENTER VERTICAL KEEL 44" × 52"
FOR ½ L .42" AT ENDS
.60" IN BOILER SPACE.
5" × 5" × 18.1" FOR ½ L
3½" × 3½" × 9.8" BEYOND ½ L
5" × 5" × 18.1"

"F" .66" FOR ½ L
TO .46" AT ENDS

"E" 66" FOR ½ L
TO .46" AT ENDS.

15 DIA.

3½" × 3½" × 9.8" FROM ENGINE RM. AFT.
5" × 3½" × 12" FROM AFT END OF ENG. RM.
TO COLL. BHD. 5" × 3½" × 13.6" IN
BOILER SPACE.
40" × 18"
36 CR
DBL. FROM ½ L FOR'D. TO COLL. BHD.

3½" × 3½" × 9.8" DOUBLE IN ENGINE SPACE. 11.1" IN BOILER SPACE.
3½" × 3½" × 11.1" IN BOILER SPACE.
40" × 18"
36 CR
3½" × 3½" × 9.8" IN BOILER SPACE.

3½" × 3½" × 11.1" IN BOILER SPACE.
40" × 18"
36 CR
3½" × 3½" × 9.8"

MIDDLE LINE
SINGLE

BILGE KEEL PLT 9" × .38"
2½" HALF ROUND.

6" × 3½" × 11.7"

"D" 72" × 66" FOR ½ L
TO .48" AT ENDS.

"C" 78" × 62" FOR ½ L
TO .48" AT AFT END.

"B" 78¼" × 62" FOR ½ L
TO .48" AT AFT END.

"A" 70½" × 66" FOR ½ L
TO .48" AT AFT END.

KEEL PLATE 47" × 1.02"
FOR ½ L TO .72" AT ENDS.

No manholes in girders or platforms under bulkhead. Intercostals under pillars.

CONTRACT SC-175
E.F.C. HULL NO'S 1175 TO 1188 INCL.

CONTRACT 324
E.F.C. HULL NO'S 1939 TO 1952

T.O. 140 CONT. 175 324-17
HULLS AS ABOVE
DSG. NO. H-9001-3

S.S. Empire Cheetah
(ex Kalani)

Midship Section

Baltimore Rpt. No. 7189

Ref 7189
Hillsmoke

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