

No 362

"Dounce Castle" as built 3/9/90

Dimensions by Lloyd's 394.3' x 43.00' x 31.66'

Half Girth	48.71
" Breadth	21.50
Depth	31.83
	<hr/>
	102.04

$$95.04 \times 394.3 = 37474.27 = 2^{\text{nd}} \text{ "}$$
$$102.04 \times 394.3 = 40234.37$$

Equipment Numeral = 43151.36

Proportions

Breadths ----- 9.17.
Depths to upper deck ----- 12.38.
" " main " ----- 13.58.

38. Prop side plates
butts single rivet
38. Bridge side top plates
butts double rivet
Coke iron 3" x 1 1/2"
Single riveted seam
Innocella side plate 7/8"
butts single riveted
Bridge side bottom plate 7/8"
and 4/8 at ends.
butts cable riveted.

Cope iron 3"x1 1/2"
Single riveted seam.
Phenolic double for
2 1/4 length amidships.

Intercostal fitted in
lengths between frames.

Skin angle $3\frac{1}{2}^{\circ}$ to $3\frac{1}{2}^{\circ}$ to $7\frac{1}{2}^{\circ}$.
Longitudinal 18° to $9\frac{1}{2}^{\circ}$.

Inside angle $6\frac{1}{2}^\circ \times 3\frac{1}{2}^\circ \times 420^\circ$

Skirt angle $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times 4\frac{1}{2}''$

Longitudinal $18^{\circ} \times 9/20^{\circ}$
through engine & boiler space
Inside angle $3\frac{1}{2}^{\circ} \times 3\frac{1}{2}^{\circ} \times 9/20^{\circ}$

Plum angle $3\frac{1}{2} \times 3\frac{1}{2} \times 3$

Longitudinal 13" 4/8
through engine and boiler
3 1/2"

Inside do.

MIDSHIP SECTION

N^{os} 362 and 363.

To class 100A1, three desks rule

Round Dimensions: 396'-0" x 43'-0" x 30'-11 $\frac{3}{4}$ "

Scale, $\frac{1}{2}$ in = one foot.

Bridge beam butt angle . . . $7\frac{1}{2}^{\circ} 2' 4\frac{1}{2}"$
 Poop " " " " " "
 Forecastle " " " $8^{\circ} 3' \frac{1}{2}"$
 Poop wood deck . . . $5^{\circ} 2\frac{1}{4}"$ leak
 Forecastle " " " " " "
 Bridge " " " $5^{\circ} 2\frac{1}{2}"$ "

Upper deck hatches
Couning plates --- 7/16" iron
" angles 3 1/2" x 3" 7/16" iron.

plates----- $\frac{1}{16}$ " or
angles $3\frac{1}{2}$ " x $3\frac{1}{2}$ " x $\frac{1}{16}$ " or

Pillars $2\frac{7}{8}$ " diameter
spaced on every beam

Frames outside of double bottom $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ for $\frac{1}{2}$ the length to $5\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ at ends
 " *inside of double bottom* $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ for $\frac{1}{2}$ the length to $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ at ends
 " *all to upper deck, poop, bridge and forecastle and spaces* $2\frac{1}{2}$ " *hull to hull*
Reinforced Bars $1\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ *outside of double bottom and* $1\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ *inside of double*
 " *double to upper rim of ledge in engine spaces and boiler space*
 " *" all to upper deck in engine space and above after bulk bulkhead and in boiler space*
 " *to upper and main deck transversely and in wing of forecastle, mainmast, bowsprit and*
Bulkhead Trans. at bottom and $4\frac{1}{2}$ " *at top*
 " *Vertical Bars* $1\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ *spaced 20" apart* " *Horizontal bars* $1\frac{1}{2} \times 3\frac{1}{2} \times \frac{3}{4}$ *spaced 48" apart*
Under Deck, $\frac{1}{2}$ " *diameter and* $1\frac{1}{2}$ " *diameter at hull*
Casing $2\frac{1}{2}$ " *pure*
Insuring 6" 2" and 7" 2" *both and space*
Drilling of Shell, all landings $5\frac{1}{2}$ " and $1\frac{1}{2}$ " *islets spaced* $3\frac{1}{2}$ " *apart except Forecastle and*
 " *Forward decks which are* 6" *landings and* 1" *islets spaced* $\frac{3}{4}$ " *apart*
 " " *butte decks, rivets all fore and aft with* $1\frac{1}{2}$ " *both row of rivets spaced from*
 " $5\frac{1}{2}$ " *diameter apart*
 " *Deck Stem and Post*, rivets $\frac{1}{2}$ " *diameter spaced* $8\frac{1}{2}$ " *diameter apart*
 " *Keel plating*, $\frac{3}{8}$ " and $\frac{1}{2}$ " *islets, spaced* $1\frac{1}{2}$ " *diameter in tops and* $1\frac{1}{2}$ " *diameter in edges*
 " *Tank top and all inside of double bottom* $1\frac{1}{2}$ " *islets spaced* $1\frac{1}{2}$ " *diameter, apart on*
 " *lower top butte and edges and on bulks of center girder*
 " *Chimney* $1\frac{1}{2}$ " *islets spaced* $8\frac{1}{2}$ " *diameter apart*

Keel 11" x 3 1/4"
Stem 11" x 3"
Sternpost 11" x 7"

Base plate and plates immediately above and below base to be $\frac{7}{16}$ " thicker than amidships and butto straps to extend from frame to frame.

Plates connected to clinkpost to be of midship thickness.

Equipment Numeral 43151.36.

1	Steam Anchor	2 1/2%	cwt., collective weight	10 9/16 cwt., ex stock.
1	Steam anchor	12 1/2%	" "	" ex stock.
1	Kedge anchor	4%	" " "	" "
1	"	3 1/4%	" " "	" "
300	Fathoms of	1 1/2%	and chain cable	8 1/4% loss adversely put.
90	"	1 1/4%	steam chain.	
120	"	13"	toroline.	
90	"	11"	hawser.	
90	"	9"	searop.	

Bulwarks, $5/20$.
Bulwarks $8 \times 5/20$.

Theorabake, $4\frac{1}{2} \times 1\frac{1}{2}$ " for half length amatekips
 to $\frac{7}{20}$ " at ends
 Doubled the whole breadth for
 $\frac{7}{10}$ " length with $\frac{7}{20}$ " plate
 Butte table riveted all over & up to
 $\frac{7}{20}$ " thicker than plate for $\frac{7}{10}$ " be-
 remainder $\frac{7}{20}$ " thicker and filled
 alternately outside and inside.

13th Strake 52" $\frac{9}{16}$ " for half length amidships
to $\frac{7}{16}$ ", $\frac{7}{16}$ " and $\frac{7}{16}$ " at ends.
Buttstraps rabb, riveted all fore and
aft and $\frac{7}{16}$ " thicker than plates for
 $\frac{3}{4}$ the length, remainder $\frac{7}{16}$ " thicker
Double buttstraps for half length amid-
ships. Outside wing $\frac{7}{16}$ " Inside wing $\frac{7}{16}$ " thick

12th Strake, 4 3/4" 1/2" for half length amidships
to 4 1/2" and 13 1/2" at ends
Buttstraps treble welded all fore and
aft and 7/8" thicker than plates for 3/4 1/2"
length remainder 7/16" thicker.

11th Plate. $5\frac{1}{2}'' \times 1\frac{1}{2}''$ for half length amidships
to $\frac{1}{2}''$, $\frac{1}{2}''$ and $\frac{1}{2}''$ at ends.
Butt straps both riveted all fore and
aft and $\frac{1}{2}''$ thicker than plates for $\frac{3}{4}''$
length remainder $\frac{1}{2}''$ thicker.

10th Plake, w 6" x $\frac{1}{2}$ " for half length amidships
to $\frac{1}{2}$ " and $\frac{1}{2}$ " at ends.
Butter-traps treble riveted all fore and
aft and $\frac{1}{2}$ " thicker than plates for $\frac{1}{4}$
length: remainder $\frac{1}{2}$ " thicker

9^d Stroke 53" $\frac{1}{2}$ " for half length amidships to
 $\frac{1}{2}$ ", $\frac{1}{2}$ " and $\frac{1}{2}$ " at ends.
 Butte drops table riveted all fore and aft
 and $\frac{1}{2}$ " thicker than plate for $\frac{1}{2}$ length
 remainder $\frac{3}{8}$ " thick.

8th. Planks, 1 1/2" x 7/8" for half length amidships
to 7/8" and 1 1/2" at ends.
Butt laps ribble riveted all fore and aft
and 7/8" thicker than plating for 1/4" length
remainder 7/8" thicker.

4.5" Shale 50" x 40" for half length amictophis
to 750' at ends
Battericks table, rivetted all
and 750' thicker than 4
length remains

value.

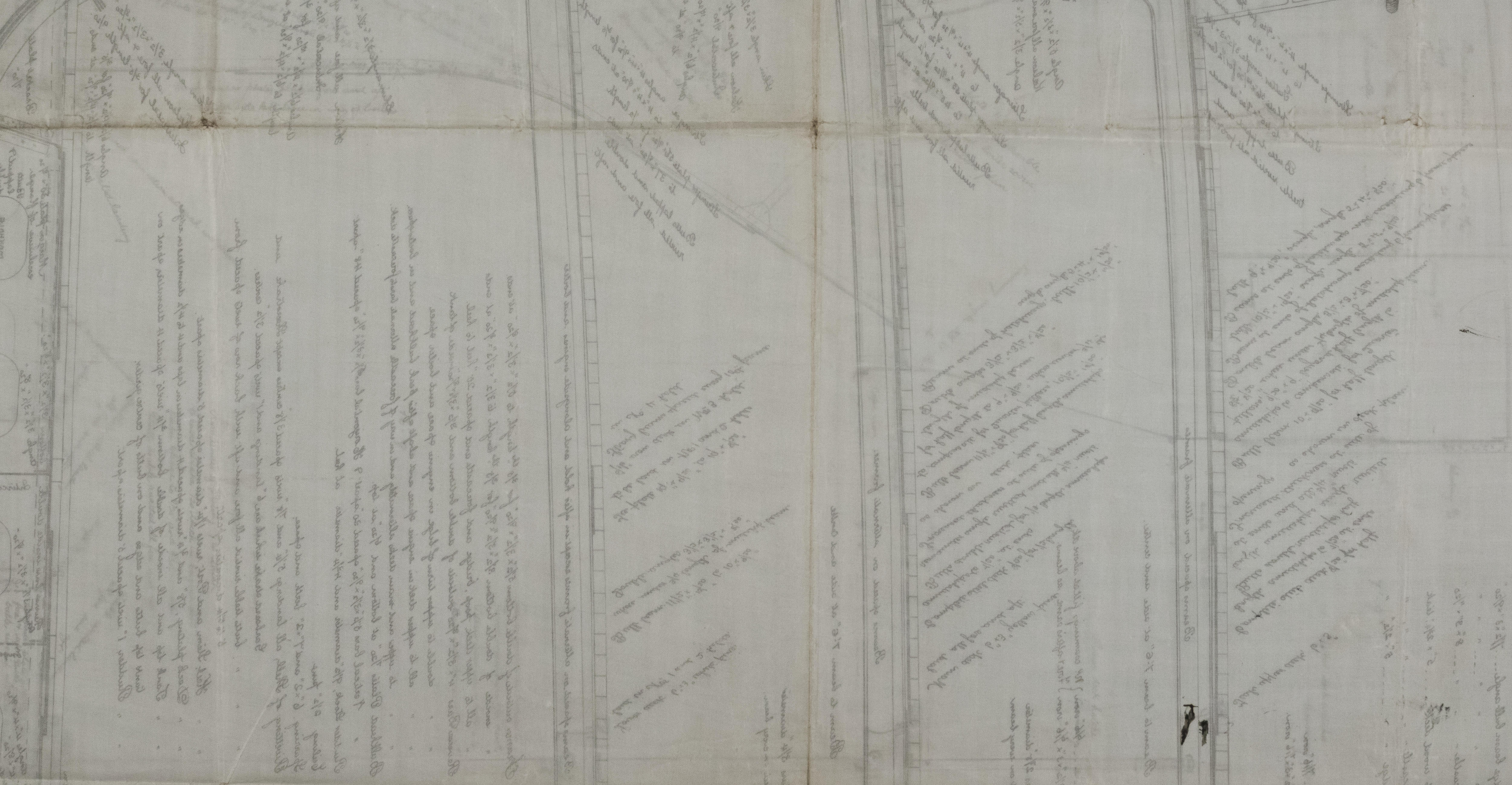
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"Dune Castle"
No. 10267

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Handwritten notes in the bottom left corner, including "Dune Castle" and "No. 10267".



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