

DIMENSIONS :- LENGTH B.P. 355'-0". BREADTH EXT. 50'-0". DEPTH MLD. 26'-4".

- CLASS 100 A1. —

### EQUIPMENT.

— POOP DECK (SEE PROFILE) —  
BEAMS: BULB ANGLE 6 x 3  $\frac{1}{2}$ " ON EVERY FRAME.  
DECK PLATING  $\frac{1}{2}$ " STRINGER ANGLE  $3\frac{1}{2}$  x  $3\frac{1}{2}$  x  $\frac{1}{2}$ "  
SIDE PLATING  $\frac{1}{2}$ " 4 x 4 x  $\frac{1}{2}$ "

— FORECASTLE JACK. —  
BEAMS - BULL ANGLES  $6 \times 3 \times \frac{9}{160}$  ON EVERY FRAME.  
 OR " " "  $9 \times 3 \frac{1}{2} \times \frac{1}{160}$  ON ALTERNATE FRAMES }  
STRINGER PLATE  $3 \frac{1}{2} \times \frac{9}{160}$ . ANGLE  $4 \times 4 \times \frac{9}{160}$   
SIDE PLATING  $\frac{9}{160}$ . PLATING  $\frac{1}{4}$  SHEATHED WITH  $3''$  PITCH PINE

2 BOWER ANCHORS.....	50% CWTs	STOCKLESS
1 BOWER ANCHOR.....	44 1/2	
1 STREAM ".....	14	EX. STOCK
1 KEDGE ".....	6	
STUD CHAIN CABLE.....	270 FMS.	2 1/2 DIMS.
STREAM CHAIN.....	90	1 1/2 OR 4 1/2 STEEL WIRE.
TOW LINE.....	120	13' hemp or 4 1/2
HITCHES.....	2 @ 90	7 1/2
WIRPS.....	2 @ 90	7 1/2

if with Owners consent  
to stock with

— HATCH FORE & AFTERS —

CENTRE :- BULB  $\times 2^{9/10}$  & 2 ANGLES  $3\frac{1}{2} \times 3 \times \frac{9}{10}$ .

SIDE :- BULB ~~TEE~~  $\times 5 \times \frac{9}{10}$ .  $6 \times 4\frac{1}{2} \times \frac{9}{10}$ .

— WIND JACK (under 25') —

BEAMS: BULB ANGLES OF  $3\frac{1}{2} \times 5\frac{1}{2}$  TO  $4\frac{1}{2}$  ON EVERY FRAME

$\frac{1}{2}$  BEAMS AT SIDES OF FRAME  $8 \times 3\frac{1}{2} \times 5\frac{1}{2}$  BULB ANGLES.  $1\frac{1}{2}$

HATCH ENDS BEAMS: BULB  $4 \times 4\frac{1}{2}$  SINGLE ANGLE  $6\frac{1}{2} \times 4\frac{1}{2}$

STRONGER PLATE  $50 \times 4\frac{1}{2}$  RAIL TO  $4\frac{1}{2} \times 4\frac{1}{2}$  ATTENDS TO BE

INCREASED 100 FOR LENGTH, EXCEPT UNDER BRIDGE (SEE PROFILE).

STRONGER IRON  $4\frac{1}{2} \times 4\frac{1}{2} \times \frac{1}{2}$  RAIL TO  $4\frac{1}{2}$

CENTRE PILLARS

PILLARS 22 TO 24 FT LONG	5" DIAM SOLID
24 TO 26	5 1/2
26 TO 28	5 1/2

WITH 3 RINGS AT HEAD AND HEEL

TWO PILLARS AT EACH HATCH SIDE.

BULKHEADS  
LOWER HALF 7/16". UPPER HALF 9/16".  
VERTICAL STIFFS: 8" x 3" x 400 BULB ANGLES  
SPACED 4'-0" APART + WENDE TO THINK TOP  
HORIZONTAL STIFFS 8" x 3" x 400 BULB ANGLES  
FT. EACH SIDE STRAINS 24" x 1/2" TO 10' 8" TIGHT DRUM  
TWO VERTICAL WEBS 24" x 1/2" TO 10' 8" TIGHT DRUM  
BULKHEADS OVER 45" WIDE. (SEE PROFILE)

FRAMES.

FRAMES FROM AFTER PEAK BIRD TO FORE COLLISION BIRD  
BULB ANGLES  $\frac{1}{2}$ " -  $3\frac{1}{8}$ "  $\frac{19}{32}$ "  $12 \times 3\frac{1}{8}$ "  $\frac{12.611}{20}$   
FRAMES ABOUT AFTER PEAK BIRD & FORMS OF COLLISION BIRD  
BULB ANGLES  $7\frac{1}{2}$ "  $3\frac{1}{8}$ "  $\frac{19}{32}$ " INLET OF FRAME REVERSE FRAMES  
FRAMES IN AFTER PEAK ALL EXTEND TO AFTER PEAK STRINGER.  
Fore . . . . . Fosse  
Bull-angle  
ALTERNATE FRAMES TO FOSSIE ABOUT COLLISION BIRD WITH A  
- SINGLE FRAME ON PEAK BULKHEADS  $6' - 6'\frac{11.5}{16}"$   
(W) BULKHEAD FRAMES ON WTBIDS  $5\frac{1}{2} \times 3\frac{1}{8}$ " NO DOUBLE ANGLES  
FRAMES SPACED 25" APART  
Rivets thru frames where plating spaced 6 diam apart

— TANK TOP —  
CENTRE STRAKE  $\frac{1}{2}$ " x  $\frac{1}{2}$ " @  $\frac{1}{2}$ " L TO  $\frac{5}{16}$ "  
IN BOILER SPACE  $\frac{1}{2}$ " @  $\frac{1}{2}$ " IRON  
TANK TOP IN ENGINE SPACE  $\frac{1}{2}$ " @  $\frac{1}{2}$ " IRON  
BOILER SPACE  $\frac{1}{2}$ " @  $\frac{1}{2}$ "  
HOLDS  $\frac{5}{16}$ " @  $\frac{1}{2}$ " L TO  $\frac{1}{2}$ "  
TANK TOP BUTTS DOUBLE RIVETED ALL FORE & AFT

— CELLULAR DOUBLE BOTTOM —

CENTRE GIRDER  $2\frac{1}{2} \times 1\frac{1}{2}$  RIVEL TO  $8\frac{1}{2}$  IN BOILER SPACE  $1\frac{1}{2}$  OR  $1\frac{3}{4}$  IRON. 11

BUTTS TRIPLE RIVETED. BOTTOM ANGLES  $4 \times 4 \times \frac{1}{2}$  FOR  $2\frac{1}{2}$  TO  $1\frac{1}{2}$  TOP ANGLES  $4 \times 4 \times \frac{1}{2}$  IN BOILER SPACE  $1\frac{1}{2}$  OR  $1\frac{3}{4}$  IRON.

MARGIN PLATE  $2\frac{1}{2} \times 1\frac{1}{2}$  IRON IN BOILER SPACE. BUTTS DOUBLE RIVETED.

ANGLE TO SHELL  $4 \times 4 \times \frac{1}{2}$

SIDE GIRDERS  $\frac{1}{2}$  IN BOILER SPACE  $\frac{1}{2}$  OR  $\frac{3}{4}$  IRON. ANGLES  $3\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{2}$

FLOOR PLATES  $\frac{1}{2}$  ON EVERY FRAME. IN BOILER SPACE  $\frac{1}{2}$  OR  $\frac{3}{4}$  IRON.

ANGLES IN BOILER SPACE TO BE INCREASED AS PER TABLE S<sup>1</sup>

BUTTS AND SEAMS OF CENTRE STRAKE

DOUBLE REVERSE BARS IN ENGINE ROOM AND UNDER BOILER BEARERS.

\* FLAT PLATE ASHL — Garrodo Strake —  
 1/8" FOR 3/4" L TO 1/2" AT ENDS TO BE INCREASED 200 - 300, AND THE GARRODO STRAKE 3/16" FOR 1/2" LENGTH IN LIEU OF DOUBLING BUTTS ALL FORD NO HPT

<sup>34.2</sup> C. OUT. <sup>13</sup> D. IN. <sup>10</sup> E. OUT. IN. X  
 1200 FOR 4 1/2 TO 9 30 1200 FOR 4 1/2 TO 9 30 1200 FOR 4 1/2 TO 9 30

"B+C" STREAKS TO HAVE THEIR MIDSHIP THICKNESS MAINTAINED FORWARD  
 TO COLLISION BULKHEAD DOUBLE FORMS IN THIN FORMS 1/2" FORWARD  
 TO COLLISION END. ADDITIONAL INTERCOSTS 40 IS PER RULE.

Arrangement of shell plating  
as shown in blue &  
scantlings accordingly

B. C<sup>nd</sup>. STOWES TO BE REDUCED  $\frac{1}{4}$ " IN WAY OF DOUBLE BOTTOM  
WHERE  $\frac{1}{4}$ " OR ABOVE. BOSS PLATES AND PLATES ABOVE & BELOW  
TO BE  $\frac{3}{4}$ " THICKER THAN HANDSHIPS, AND THEIR BUTTS TREBLE RIV OVERLAP

3 4/12/07

### 5 NUMERALS.—

— FRACTIONS —

CASING  $5\frac{1}{2}$ " IN WAY OF SIDEHOUSES.  
6 $\frac{1}{2}$ " IN HERE EXPOSED.

11

11

✓ STIFFENERS  $3\frac{1}{2} \times 3\frac{1}{2} \times 1/20$  ANGUS

Coamina 9/20

Рассуждения о морали и политике

NOTE: BEAMS AND PILLARS ARE INCREASED  
TO COMPENSATE FOR ROW OF PILLARS.

— FORGINGS —

STERN FRAME 11' x  $6\frac{3}{4}$ " TO 9' x  $3\frac{1}{2}$ " AT HEAD.  
STEM BAR 11' x  $2\frac{1}{8}$ " TO  $9\frac{1}{2}$  x  $2\frac{1}{8}$ "  
 in accordance with Table 33.8, c & d not less than  
RUDER HEAD 9" DIAM. HEEL 8" DIAM. PINTLES 4" DIAM.  
SINGLE PLATE  $\frac{23}{32}$ " WITH ARM AT EACH PINTLE.

— LONGITUDINALS  $10\frac{1}{2}$ "  
LONGITUDINAL PLATES  $10\frac{1}{2} \times 900$  FOR  $3\frac{1}{2}$ L TO  $3\frac{1}{2}$ L  
FACE ANGLE  $66^{\circ} 45' \times 900$  FOR  $3\frac{1}{2}$ L TO  $900$ .  
SNELL LUGS  $3\frac{1}{2} \times 3\frac{1}{2} \times 900$  FOR  $3\frac{1}{2}$ L TO  $8\frac{1}{2}$ L.  
FRAME LUGS  $4 \times 4 \times 900$  DOUBLE RIVETED  
 TO FRAME AND STRINGER ANGLE.

angles "  
ASSIST ~~2nd~~ ~~3rd~~  
 IN EVERY ~~1st~~ ~~2nd~~ ~~3rd~~ ~~4th~~ ~~5th~~ ~~6th~~ ~~7th~~ ~~8th~~ ~~9th~~ ~~10th~~ ~~11th~~ ~~12th~~ ~~13th~~ ~~14th~~ ~~15th~~ ~~16th~~ ~~17th~~ ~~18th~~ ~~19th~~ ~~20th~~ ~~21st~~ ~~22nd~~ ~~23rd~~ ~~24th~~ ~~25th~~ ~~26th~~ ~~27th~~ ~~28th~~ ~~29th~~ ~~30th~~ ~~31st~~ ~~32nd~~ ~~33rd~~ ~~34th~~ ~~35th~~ ~~36th~~ ~~37th~~ ~~38th~~ ~~39th~~ ~~40th~~ ~~41st~~ ~~42nd~~ ~~43rd~~ ~~44th~~ ~~45th~~ ~~46th~~ ~~47th~~ ~~48th~~ ~~49th~~ ~~50th~~ ~~51st~~ ~~52nd~~ ~~53rd~~ ~~54th~~ ~~55th~~ ~~56th~~ ~~57th~~ ~~58th~~ ~~59th~~ ~~60th~~ ~~61st~~ ~~62nd~~ ~~63rd~~ ~~64th~~ ~~65th~~ ~~66th~~ ~~67th~~ ~~68th~~ ~~69th~~ ~~70th~~ ~~71st~~ ~~72nd~~ ~~73rd~~ ~~74th~~ ~~75th~~ ~~76th~~ ~~77th~~ ~~78th~~ ~~79th~~ ~~80th~~ ~~81st~~ ~~82nd~~ ~~83rd~~ ~~84th~~ ~~85th~~ ~~86th~~ ~~87th~~ ~~88th~~ ~~89th~~ ~~90th~~ ~~91st~~ ~~92nd~~ ~~93rd~~ ~~94th~~ ~~95th~~ ~~96th~~ ~~97th~~ ~~98th~~ ~~99th~~ ~~100th~~ ~~101st~~ ~~102nd~~ ~~103rd~~ ~~104th~~ ~~105th~~ ~~106th~~ ~~107th~~ ~~108th~~ ~~109th~~ ~~110th~~ ~~111th~~ ~~112th~~ ~~113th~~ ~~114th~~ ~~115th~~ ~~116th~~ ~~117th~~ ~~118th~~ ~~119th~~ ~~120th~~ ~~121st~~ ~~122nd~~ ~~123rd~~ ~~124th~~ ~~125th~~ ~~126th~~ ~~127th~~ ~~128th~~ ~~129th~~ ~~130th~~ ~~131st~~ ~~132nd~~ ~~133rd~~ ~~134th~~ ~~135th~~ ~~136th~~ ~~137th~~ ~~138th~~ ~~139th~~ ~~140th~~ ~~141st~~ ~~142nd~~ ~~143rd~~ ~~144th~~ ~~145th~~ ~~146th~~ ~~147th~~ ~~148th~~ ~~149th~~ ~~150th~~ ~~151st~~ ~~152nd~~ ~~153rd~~ ~~154th~~ ~~155th~~ ~~156th~~ ~~157th~~ ~~158th~~ ~~159th~~ ~~160th~~ ~~161st~~ ~~162nd~~ ~~163rd~~ ~~164th~~ ~~165th~~ ~~166th~~ ~~167th~~ ~~168th~~ ~~169th~~ ~~170th~~ ~~171st~~ ~~172nd~~ ~~173rd~~ ~~174th~~ ~~175th~~ ~~176th~~ ~~177th~~ ~~178th~~ ~~179th~~ ~~180th~~ ~~181st~~ ~~182nd~~ ~~183rd~~ ~~184th~~ ~~185th~~ ~~186th~~ ~~187th~~ ~~188th~~ ~~189th~~ ~~190th~~ ~~191st~~ ~~192nd~~ ~~193rd~~ ~~194th~~ ~~195th~~ ~~196th~~ ~~197th~~ ~~198th~~ ~~199th~~ ~~200th~~ ~~201st~~ ~~202nd~~ ~~203rd~~ ~~204th~~ ~~205th~~ ~~206th~~ ~~207th~~ ~~208th~~ ~~209th~~ ~~210th~~ ~~211st~~ ~~212nd~~ ~~213rd~~ ~~214th~~ ~~215th~~ ~~216th~~ ~~217th~~ ~~218th~~ ~~219th~~ ~~220th~~ ~~221st~~ ~~222nd~~ ~~223rd~~ ~~224th~~ ~~225th~~ ~~226th~~ ~~227th~~ ~~228th~~ ~~229th~~ ~~230th~~ ~~231st~~ ~~232nd~~ ~~233rd~~ ~~234th~~ ~~235th~~ ~~236th~~ ~~237th~~ ~~238th~~ ~~239th~~ ~~240th~~ ~~241st~~ ~~242nd~~ ~~243rd~~ ~~244th~~ ~~245th~~ ~~246th~~ ~~247th~~ ~~248th~~ ~~249th~~ ~~250th~~ ~~251st~~ ~~252nd~~ ~~253rd~~ ~~254th~~ ~~255th~~ ~~256th~~ ~~257th~~ ~~258th~~ ~~259th~~ ~~260th~~ ~~261st~~ ~~262nd~~ ~~263rd~~ ~~264th~~ ~~265th~~ ~~266th~~ ~~267th~~ ~~268th~~ ~~269th~~ ~~270th~~ ~~271st~~ ~~272nd~~ ~~273rd~~ ~~274th~~ ~~275th~~ ~~276th~~ ~~277th~~ ~~278th~~ ~~279th~~ ~~280th~~ ~~281st~~ ~~282nd~~ ~~283rd~~ ~~284th~~ ~~285th~~ ~~286th~~ ~~287th~~ ~~288th~~ ~~289th~~ ~~290th~~ ~~291st~~ ~~292nd~~ ~~293rd~~ ~~294th~~ ~~295th~~ ~~296th~~ ~~297th~~ ~~298th~~ ~~299th~~ ~~300th~~ ~~301st~~ ~~302nd~~ ~~303rd~~ ~~304th~~ ~~305th~~ ~~306th~~ ~~307th~~ ~~308th~~ ~~309th~~ ~~310th~~ ~~311st~~ ~~312nd~~ ~~313rd~~ ~~314th~~ ~~315th~~ ~~316th~~ ~~317th~~ ~~318th~~ ~~319th~~ ~~320th~~ ~~321st~~ ~~322nd~~ ~~323rd~~ ~~324th~~ ~~325th~~ ~~326th~~ ~~327th~~ ~~328th~~ ~~329th~~ ~~330th~~ ~~331st~~ ~~332nd~~ ~~333rd~~ ~~334th~~ ~~335th~~ ~~336th~~ ~~337th~~ ~~338th~~ ~~339th~~ ~~340th~~ ~~341st~~ ~~342nd~~ ~~343rd~~ ~~344th~~ ~~345th~~ ~~346th~~ ~~347th~~ ~~348th~~ ~~349th~~ ~~350th~~ ~~351st~~ ~~352nd~~ ~~353rd~~ ~~354th~~ ~~355th~~ ~~356th~~ ~~357th~~ ~~358th~~ ~~359th~~ ~~360th~~ ~~361st~~ ~~362nd~~ ~~363rd~~ ~~364th~~ ~~365th~~ ~~366th~~ ~~367th~~ ~~368th~~ ~~369th~~ ~~370th~~ ~~371st~~ ~~372nd~~ ~~373rd~~ ~~374th~~ ~~375th~~ ~~376th~~ ~~377th~~ ~~378th~~ ~~379th~~ ~~380th~~ ~~381st~~ ~~382nd~~ ~~383rd~~ ~~384th~~ ~~385th~~ ~~386th~~ ~~387th~~ ~~388th~~ ~~389th~~ ~~390th~~ ~~391st~~ ~~392nd~~ ~~393rd~~ ~~394th~~ ~~395th~~ ~~396th~~ ~~397th~~ ~~398th~~ ~~399th~~ ~~400th~~ ~~401st~~ ~~402nd~~ ~~403rd~~ ~~404th~~ ~~405th~~ ~~406th~~ ~~407th~~ ~~408th~~ ~~409th~~ ~~410th~~ ~~411st~~ ~~412nd~~ ~~413rd~~ ~~414th~~ ~~415th~~ ~~416th~~ ~~417th</~~

OF TANK SIDE GUSSET.

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