

9-9 $\frac{1}{2}$  ✓  
MARKING FORM  
44 AUG 1932

# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS									
Description of Hatchway	...	...	...	...	...	...	...	...	...
Dimensions of Hatchway	...	...	...	...	...	...	...	...	...
COAMINGS	Height above Deck	...	32"	15'9" x 24'9"	22'2" x 23'	...	...	...	...
	Thickness	...	4 1/2"	...	...	...	...	...	...
	Stiffeners	...	4 1/2"	...	...	...	...	...	...
	Brackets, Stays	...	5'7" x 3'40"	...	...	...	...	...	...
HATCH BEAMS	Number	...	4	...	...	...	...	...	...
	Spacing	...	5'3"	...	...	...	...	...	...
	Scantling and Sketch	...	...	...	...	...	...	...	...
	Angles	...	5 1/2" x 3" x 46"	...	...	...	...	...	...
	Web	...	22" x 36"	...	...	...	...	...	...
	Bearing Surface	...	3"	...	...	...	...	...	...
FORE AND AFTERS	Number	...	...	...	...	...	...	...	...
	Spacing	...	...	...	...	...	...	...	...
	Unsupported Lengths	...	...	...	...	...	...	...	...
	Scantling and Sketch	...	...	...	...	...	...	...	...
	Bearing Surface	...	...	...	...	...	...	...	...
HATCH COVERS	Material	...	Wood	Steel	Steel	...	...	...	...
	Thickness	...	3"	40"	25"	...	...	...	...
	How fitted	...	F. & A.	Hinged	Hinged	...	...	...	...
	Bearing Surface	...	2 3/8"	7"	...	...	...	...	...
Spacing of Cleats	...	...	22"	...	...	...	...	...	...
Number of Tarpaulins	...	...	3	...	...	...	...	...	...

Particulars of fiddle, funnel and ventilator coamings:—

No fiddle openings—Motorship. Funnel & Vents to motorspace on top of casing eff. constructed & in good condition.

Particulars of Flush Bunker Scuttles:— None fitted.

Particulars of Companionways:—

Access to crew's quarter aft through deckhouse having steel doors 5'4" x 2'6" cap. of being manip. from both sides, sill 12" ab. steel dk.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:—

Fiddle: 1 off 6" diam 36" x 25" coam. 2 - 11" - 36" x 38" - Steel caps & canvas covers supplied for all vents. Sh. deck: 5 - 15" - 36" x 40" - 2 - 10" - 36" x 38" - 2 - 9" - 36" x 32" - Remainder of vents constructed as derrick posts, off-stayed.

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

Opening of air pipes above deck. Fiddle 3 1/2", Sh. dk 31" x 16" where air pipes and sounding pipe are combined. Canvas covers supplied for all air pipes.

Particulars of Gangway Cargo and Coaling Ports:— None fitted.

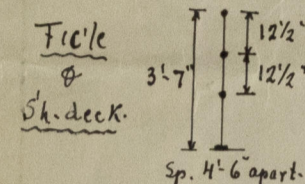
Particulars of Scuppers and Sanitary Discharge Pipes:—

No scuppers through ship's sides below freeboard deck.

Sanitary Discharge pipes are fitted with N.R. Valves.

Particulars of Side Scuttles: Side rights in ship's sides are fitted with perm. attached hinged dead lights.

Particulars of Guard Rails:—



In way of deckhouse bulwark 3'5" is fitted.

Particulars of Gangways, Lifelines, etc.:— None fitted.

## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	✓					
Forward Well	✓					

State position of each freeing port. (F. and A. position and height above deck edge) After Well:— ✓ Forward Well:— ✓  
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— ✓  
Additional area where sheer is less than standard. ✓

## Particulars of Superstructures, Trunks, Casings, Deckhouses.

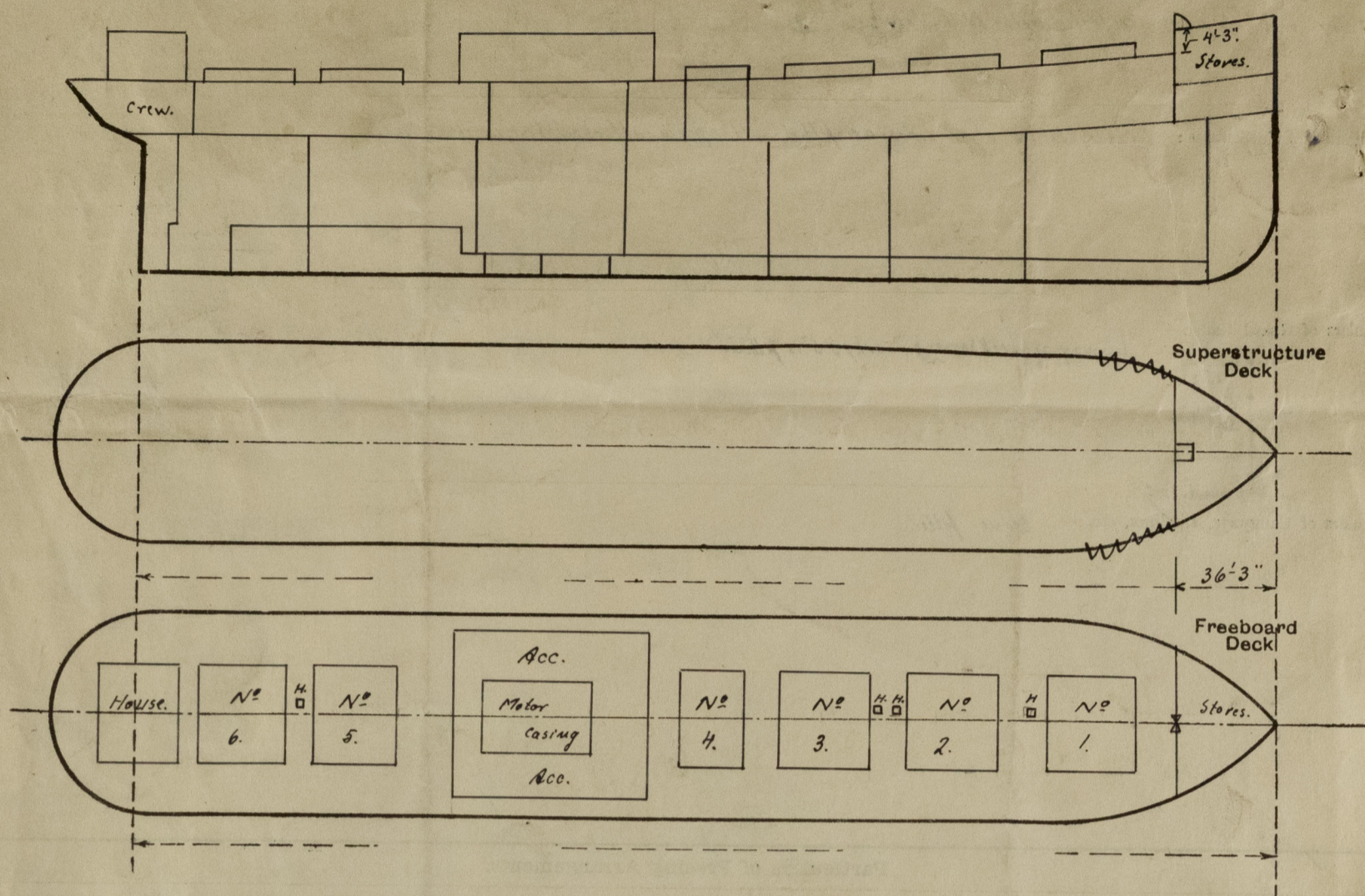
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead	✓							
Raised Quarter Deck Bulkhead	✓							
Bridge, After Bulkhead	✓							
Bridge, Forward Bulkhead	✓							
Forecastle Bulkhead	✓							
Trunk, Aft	None	32"	5 1/2" x 3" x 40"	24 1/2"	None	4'5" x 3'0"	18"	4'3"
Trunk, Forward	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Deck	✓							
Exposed Machinery Casings on Superstructure Decks	✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓							
Deckhouses on Flush Deck Ships	✓							

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	✓
Raised Quarter Deck Bulkhead	✓
Bridge, After Bulkhead	✓
Bridge, Forward Bulkhead	✓
Forecastle Bulkhead	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Deck	✓
Exposed Machinery Casings on Superstructure Decks	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	✓
Deckhouses on Flush Deck Ships	✓

Hinged steel door capable of being manipulated from both sides.  
Casing completely surrounded by steel deckhouse

Superstructure bulkheads, trunks, deckhouses, casings, cargo and coaling hatchways, extent and thickness of sheathing, on the freeboard deck, gangway, cargo and coaling ports, and any other openings, etc., which would affect the seaworthiness of the ship are to be shewn on the following sketches:—



*Decksheathing in way of crew's quarter aft only.*

State any special features in the construction of the ship:—

Displacement on shell at 75% moulded depth	13980 Tons.	Tons per inch immersion:-	45.9	+1.3 = 38.125 + 1.4 = 39.525
" " " 85%	16070 "	" " " "	47.3	3198 + 1.14 = 32.020
" " " 95%	18210 "	" " " "	48.5	1.4 = 3.755

38.125	1.4	39.525
39.525	1.4	40.925
40.925	1.4	42.325
42.325	1.4	43.725
43.725	1.4	45.125
45.125	1.4	46.525
46.525	1.4	47.925
47.925	1.4	49.325
49.325	1.4	50.725
50.725	1.4	52.125
52.125	1.4	53.525
53.525	1.4	54.925
54.925	1.4	56.325
56.325	1.4	57.725
57.725	1.4	59.125
59.125	1.4	60.525
60.525	1.4	61.925
61.925	1.4	63.325
63.325	1.4	64.725
64.725	1.4	66.125
66.125	1.4	67.525
67.525	1.4	68.925
68.925	1.4	70.325
70.325	1.4	71.725
71.725	1.4	73.125
73.125	1.4	74.525
74.525	1.4	75.925
75.925	1.4	77.325
77.325	1.4	78.725
78.725	1.4	80.125
80.125	1.4	81.525
81.525	1.4	82.925
82.925	1.4	84.325
84.325	1.4	85.725
85.725	1.4	87.125
87.125	1.4	88.525
88.525	1.4	89.925
89.925	1.4	91.325
91.325	1.4	92.725
92.725	1.4	94.125
94.125	1.4	95.525
95.525	1.4	96.925
96.925	1.4	98.325
98.325	1.4	99.725
99.725	1.4	101.125
101.125	1.4	102.525
102.525	1.4	103.925
103.925	1.4	105.325
105.325	1.4	106.725
106.725	1.4	108.125
108.125	1.4	109.525
109.525	1.4	110.925
110.925	1.4	112.325
112.325	1.4	113.725
113.725	1.4	115.125
115.125	1.4	116.525
116.525	1.4	117.925
117.925	1.4	119.325
119.325	1.4	120.725
120.725	1.4	122.125
122.125	1.4	123.525
123.525	1.4	124.925
124.925	1.4	126.325
126.325	1.4	127.725
127.725	1.4	129.125
129.125	1.4	130.525
130.525	1.4	131.925
131.925	1.4	133.325
133.325	1.4	134.725
134.725	1.4	136.125
136.125	1.4	137.525
137.525	1.4	138.925
138.925	1.4	140.325
140.325	1.4	141.725
141.725	1.4	143.125
143.125	1.4	144.525
144.525	1.4	145.925
145.925	1.4	147.325
147.325	1.4	148.725
148.725	1.4	150.125
150.125	1.4	151.525
151.525	1.4	152.925
152.925	1.4	154.325
154.325	1.4	155.725
155.725	1.4	157.125
157.125	1.4	158.525
158.525	1.4	159.925
159.925	1.4	161.325
161.325	1.4	162.725
162.725	1.4	164.125
164.125	1.4	165.525
165.525	1.4	166.925
166.925	1.4	168.325
168.325	1.4	169.725
169.725	1.4	171.125
171.125	1.4	172.525
172.525	1.4	173.925
173.925	1.4	175.325
175.325	1.4	176.725
176.725	1.4	178.125
178.125	1.4	179.525
179.525	1.4	180.925
180.925	1.4	182.325
182.325	1.4	183.725
183.725	1.4	185.125
185.125	1.4	186.525
186.525	1.4	187.925
187.925	1.4	189.325
189.325	1.4	190.725
190.725	1.4	192.125
192.125	1.4	193.525
193.525	1.4	194.925
194.925	1.4	196.325
196.325	1.4	197.725
197.725	1.4	199.125
199.125	1.4	200.525
200.525	1.4	201.925
201.925	1.4	203.325
203.325	1.4	204.725
204.725	1.4	206.125
206.125	1.4	207.525
207.525	1.4	208.925
208.925	1.4	210.325
210.325	1.4	211.725
211.725	1.4	213.125
213.125	1.4	214.525
214.525	1.4	215.925
215.925	1.4	217.325
217.325	1.4	218.725
218.725	1.4	220.125
220.125	1.4	221.525
221.525	1.4	222.925
222.925	1.4	224.325
224.325	1.4	225.725
225.725	1.4	227.125
227.125	1.4	228.525
228.525	1.4	229.925
229.925	1.4	231.325
231.325	1.4	232.725
232.725	1.4	234.125
234.125	1.4	235.525
235.525	1.4	236.925
236.925	1.4	238.325
238.325	1.4	239.725
239.725	1.4	241.125
241.125	1.4	242.525
242.525	1.4	243.925
243.925	1.4	245.325
245.325	1.4	246.725
246.725	1.4	248.125
248.125	1.4	249.525
249.525	1.4	250.925
250.925	1.4	252.325
252.325	1.4	253.725
253.725	1.4	255.125
255.125	1.4	256.525
256.525	1.4	257.925
257.925	1.4	259.325
259.325	1.4	260.725
260.725	1.4	262.125
262.125	1.4	263.525
263.525	1.4	264.925
264.925	1.4	266.325
266.325	1.4	267.725
267.725	1.4	269.125
269.125	1.4	270.525
270.525	1.4	271.925
271.925	1.4	273.325
273.325	1.4	274.725
274.725	1.4	276.125
276.125	1.4	277.525
277.525	1.4	278.925
278.925	1.4	280.325
280.325	1.4	281.725
281.725	1.4	283.125
283.125	1.4	284.525
284.525	1.4	285.925
285.925	1.4	287.325
287.325	1.4	288.725
288.725	1.4	290.125
290.125	1.4	291.525
291.525	1.4	292.925
292.925	1.4	294.325
294.325	1.4	295.725
295.725	1.4	297.125
297.125	1.4	298.525
298.525	1.4	299.925
299.925	1.4	301.325
301.325	1.4	302.725
302.725	1.4	304.125
304.125	1.4	305.525
305.525	1.4	306.925
306.925	1.4	308.325
308.325	1.4	309.725
309.725	1.4	311.125
311.125	1.4	312.525
312.525	1.4	313.925
313.925	1.4	315.325
315.325	1.4	316.725
316.725	1.4	318.125
318.125	1.4	319.525
319.525	1.4	320.925
320.925	1.4	322.325
322.325	1.4	323.725
323.725	1.4	325.125
325.125	1.4	326.525
326.525	1.4	327.925
327.925	1.4	329.325
329.325	1.4	330.725
330.725	1.4	332.125
332.125	1.4	333.525
333.525	1.4	334.925
334.925	1.4	336.325
336.325	1.4	337.725
337.725	1.4	339.125
339.125	1.4	340.525
340.525	1.4	341.925
341.925	1.4	343.325
343.325	1.4	344.725
344.725	1.4	346.125
346.125	1.4	347.525
347.525	1.4	348.925
348.925	1.4	350.325
350.325	1.4	351.725
351.725	1.4	353.125
353.125	1.4	354.525
354.525	1.4	355.925
355.925	1.4	357.325
357.325	1.4	358.725
358.725	1.4	360.125
360.125	1.4	361.525
361.525	1.4	362.925
362.925	1.4	364.325
364.325	1.4	365.725
365.725	1.4	367.125
367.125	1.4	368.525
368.525	1.4	369.925
369.925	1.4	371.325
371.325	1.4	372.725
372.725	1.4	374.125
374.125	1.4	375.525
375.525	1.4	376.925
376.925	1.4	378.325
378.325	1.4	379.725
379.725	1.4	381.125
381.125	1.4	382.525
382.525	1.4	383.925
383.925	1.4	385.325
385.325	1.4	386.725
386.725	1.4	388.125
388.125	1.4	389.525
389.525	1.4	390.925
390.925	1.4	392.325
392.325	1.4	393.725
393.725	1.4	395.125
395.125	1.4	396.525
396.525	1.4	397.925
397.925	1.4	399.325
399.325	1.4	400.725
400.725	1.4	402.125
402.125	1.4	403.525
403.525	1.4	404.925
404.925	1.4	406.325
406.325	1.4	407.725
407.725	1.4	409.125
409.125	1.4	410.525
410.525	1.4	411.925
411.925	1.4	413.325
413.325	1.4	414.725
414.725	1.4	416.125
416.125	1.4	417.525
417.525	1.4	418.925
418.925	1.4	420.325
420.325	1.4	421.725
421.725	1.4	423.125
423.125	1.4	424.525
424.525	1.4	425.925
425.925	1.4	427.325
427.325	1.4	428.725
428.725	1.4	430.125
430.125	1.4	431.525
431		