



St. George

BB GREAT BRITAIN 1921 PLAN
5226-0 N3 Class

Displacement
Complement

48,500 ts
1500
Length 820 ft
Beam 106 ft
Draft 32 ft
Launched
Completed



SHIP LOG SHEET

Version 9/10/2005

Captain
Final design from the L, M and N battleship design studies of 1922. Name doubtful.

9 x 18"/45 Mk II 66

Max ROF		Range		Shell Size/Weight	
1.5	sh/min	43,946 yds	87.9"	18.0"	2916.2 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
1	1F3	None		COM	HE
AA	0.0	Level	S	Ammunition	100 rpg 900

FIRE CONTROL TABLE						
T Kts	Short	Medium	Long	Extreme		
0 - 9	23	16	18	13	15	11 14 10
10 - 18	18	12	14	10	12	8 10 7
19 - 27	15	11	12	8	10	7 9 6
28 - 36	13	9	10	7	9	6 8 5
37 - 45	12	9	10	7	8	6 7 5

APCBC	PENETRATION TABLE													
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.4	2.2	1.9	1.7	1.6
Rge	S	S	S	S	S	M	M	M	M	M	L	L	L	L
H	0.8	1.5	1.9	2.3	2.7	2.9	3.3	3.7	4.1	4.5	5.0	5.9	7.1	9.0
V	39.3	36.9	34.7	32.5	30.5	28.6	25.9	23.5	21.4	19.7	18.3	17.0	15.9	14.6

16 x 6"/50 BL Mk XXII 16

Max ROF		Range		Shell Size/Weight	
6.0	sh/min	25,800 yds	51.6"	6.0"	100.0 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	2G3	None		COM	HE
AA	2.7	Level	V	Ammunition	150 rpg 2400

FIRE CONTROL TABLE						
T Kts	Short	Medium	Long	Extreme		
0 - 9	16	11	13	9	11	7 10 6
10 - 18	12	8	10	6	8	5 7 5
19 - 27	11	7	8	6	7	5 6 4
28 - 36	9	6	7	5	6	4 5 4
37 - 45	9	6	7	4	6	4 5 3

CPCBC	PENETRATION TABLE													
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.9	6.8	5.8	5.0	4.3	3.7	2.9	2.3	1.9	1.5	1.3			
Rge	S	S	S	S	M	M	L	L	E	E	E			
H	0.1	0.2	0.3	0.4	0.5	0.6	0.8	1.3	2.0	2.4	2.7			
V	10.7	8.9	7.3	5.9	4.6	3.6	2.3	2.1	2.1	2.2	2.2			

6 x 4.7"/40 QF Mk VIII 12

Max ROF		Range		Shell Size/Weight	
12.0	sh/min	16,160 yds	32.3"	4.7"	50.0 lbs.
Fire Control		FC Radar	+ 0	AP	SAP
2	2G3	None		COM	HE
AA	2.7	Level	V	Ammunition	200 rpg 1200

FIRE CONTROL TABLE						
T Kts	Short	Medium	Long	Extreme		
0 - 9	16	11	13	9	11	7 10 6
10 - 18	12	8	10	6	8	5 7 5
19 - 27	11	7	8	6	7	5 6 4
28 - 36	9	6	7	5	6	4 5 4
37 - 45	9	6	7	4	6	4 5 3

HE	PENETRATION TABLE													
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.6	6.2	4.9	4.0	3.2	2.7	2.0	1.6						
Rge	S	S	M	M	L	L	E	E						
H	0.1	0.2	0.3	0.4	0.5	0.8	1.5	1.8						
V	5.7	3.9	2.8	2.3	1.6	1.5	1.4	1.3						

Crew	Sea	BR	Targ Sz	Ops
			3	

AIRCRAFT

Aircraft	0	Catapult	0
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TORPEDOES

TT	2	Ammo	14
24.5" Mk I			
Damage Class	C		
Settings			
15,000/35			
20,000/30			

MINES

RAPID FIRE BATTERIES

RF1	40	2pdr QF Mk I,II				
Max Rg	3,800	7.6"	7	5		
Eff Rg	1,710	3.4"	11	8		
RF	Port	20	16	11	7	3
10	Stbd	20	16	11	7	3
AA	Port	113	90	62	37	17
L	Stbd	113	90	62	37	17

RF2

None						
Max Rg						
Eff Rg						

RF	Port					
0	Stbd					

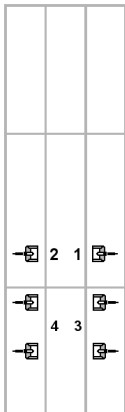
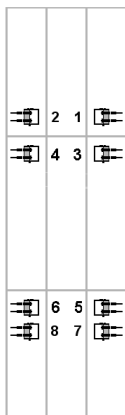
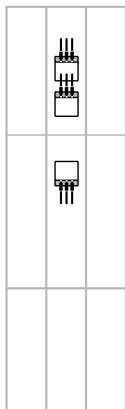
AA	Port					
	Stbd					

RF3

None						
Max Rg						
Eff Rg						

RF	Port					
	Stbd					

AA	Port					
	Stbd					



Coal (ts)	0	Oil (ts)	5000	Radius (nm/kts)		Search Radar		ASW MORTARS/ATW		DEPTH CHARGES	
Engines	Brown-Curtis SRGBT					None			Rack		
Boilers	8 Admiralty					None			Ammo		

TIER	DP	DP	4001																		
1/70	400	KTS	23																		
2/80	800																				
3/75	1200	Engine Rm	2	23	13	0	0	0	0	0	Standard Turn	Target Sz									
4/85	1600	Prop/Shaft	2	23	12	0	0	0	0	0	30	3									
5/80	2001	Boiler Rm	2	23	14	0	0	0	0	0	Emergency Turn	Searchlights									
6/90	2361										45	Port Stbd									
7/85	2721	Speed		00-16 kt	17+ kt							Crew									
8/95	3081	Increase		3.0	1.0																
9/90	3441																				
10	3801	Bridge Command Rating									Flag Command Rating			Damage Control (DCR)							
10	4041													10							

Fuel Code		
ARMOR	1.00	Actual
1H DECK	8.0	8.0
2H TURRET	8.0	8.0
3H SUPERSTR	4.6	4.6
4V CON	15.0	15.0
5V BELT MID	15.0	15.0
6V BELT END	0.0	0.0
7V BARBETTE	15.0	15.0
8V TURRET	18.0	18.0
9V SUPERSTR	6.3	6.3

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER	
																					AF	Obey signals from Flagship
																					AI	Independent Action
																					AX	Battle Stations!
																					AA	Abandon ship!
																					AZ	Strike colors
COURSE AND SPEED																						
																					CA	Midships steady
																					CP #	Alter course to PORT
																					CS #	Alter course to STARBOARD
																					SF	Ahead full
																					SR#	Revolutions for # knots
																					SA	Full astern
																					SS	All stop
ILLUMINATION AND EVASION																						
																					EX	Evasive action
																					KX	Lay smoke
																					IS ##	Illuminate using starshell
																					IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																						
																					TR (X)	Prepare to launch torpedoes to (X)
																					TL (X)	Launch torpedoes to (X)
																					VL	Prepare to launch aircraft
																					VX	Launch aircraft
PRIMARY BATTERY																						
																					B1D	Directed fire as range permits
																					B1V	Coordinated fire
																					B1L	Local control as range permits
																					B1P	Split fire
																					B1C	Change target
																					B1B	Barrage fire as range permits
SECONDARY BATTERY																						
																					B2D	Directed fire as range permits
																					B2L	Local control as range permits
																					B2P	Split fire
																					B2C	Change target
																					B2B	Barrage fire as range permits
TERTIARY AND RF BATTERY																						
																					B3D	Directed fire as range permits
																					B3L	Local Control as range permits
																					B3P	Split fire
																					B3C	Change target
																					R5B	Barrage fire as range permits
																					R6B	Barrage fire as range permits
																					R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS																TURNING SEGMENTS					
KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	DEG OF TURN	SEGMENTS
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0	TO 15	2 Segments*
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	16 TO 45	2 Segments
																				46 TO 90	3 Segments
																				91 TO 135	4 Segments
																				136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING							
T#	Fire	Current Severity		T#	Fire	Current Severity	

FIGHTING SHIPBOARD FIRES			
NO DAMAGE CONTROL		DAMAGE CONTROL	
ROLL	EFFECT ON FIRE	ROLL	EFFECT ON FIRE
01-03	-20 from severity	01-05	Fire extinguished
04-12	-10 from severity	06-15	-30 from severity
13-50	No change	16-45	-20 from severity
51-85	+10 to severity	46-75	-10 from severity
86-95	+30 to severity	76-90	No change
96-00	+40 to severity	91-00	+10 to severity

TIER	DP	DP	4001									
1/70	400	KTS	23									
2/80	800	Engine Rm	2	23	13	0	0	0	0	Standard Turn	Target Sz	
3/75	1200	Prop/Shaft	2	23	12	0	0	0	0	30	3	
4/85	1600	Boiler Rm	2	23	14	0	0	0	0	Emergency Turn	Searchlights	
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9V SUPERSTR	6.3	6.3

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E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS	
DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

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51-85	+10 to severity	46-75	-10 from severity		
86-95	+30 to severity	76-90	No change		
96-00	+40 to severity	91-00	+10 to severity		