



WWI British Royal Navy Ship Data List

Ship Class	Body Type	Inches of Class 'A' (vertical/ horizontal) armor															
		Tur F	Tur S	Tur R	Tur Top	BB	Belt Eng	Belt Mag	Ends	Up Belt	2 nd Case	Deck Eng	Deck Mag	Low Belt	AB f,a	CT f,a	FCD f, c,a
Dreadnought	B	11	11	11	3	11	11^13	11^15	4	8	¼	½^2½	½^3½	½^2/6	11	11,8	
Bellerophon	B	11	11	11	3	9	10^11	10^11	5	8	¼	1^3	1^4	½^4	8	11,8	
St. Vincent	B	11	11	11	3	9	10^12	10^12	7	8	¼	½^2½	½^3½	½^6	8	10,5	
Neptune	B	11	11	11	3/4	9	10^11	10^11	5	8	¼	1^3	1^4	½^4	9	11,1½	
Colossus	B	11	10	11	3/4	11	11^14	11^14	2½	7	¼	1^3/4	1^3/4	½^3	8	11,3	
Orion	B	11	11	11	3/4	10	12^13	12^13	4	9	¼	1½^2½	1½^5	½^3	10	11,3	
King George V	B	11	11	11	4	10	12^13	12^13	4	8	3 1	1½^3½	1½^5	½^3	8	11,6	
Iron Duke	B	11	11	11	4	10	12^13	12^13	4/6	9	6 1	1½^2½	1½^2½	½^3	6/8	11,4	
Agincourt	B	11	8	8	3	9	9^10	9^10	4	6	6 1	1½^2½	1½^2½	½^3	7	11,9	
Erin	B	11	10	10	3	10	12^13	12^13	4	8	6 1	1½^3	1½^4½	½^3	8	12,4	
Canada	B	9	9	9	3	9	9^11	9^11	3½	4½	6 1	1^2½	1^4½	½^3	4	11,6	
Queen Elisabeth	C	12	11	11	4	10	12^14	12^14	-	6	6 1	2^3	2^4	½^4	6	11,4	4,¼
Revenge	C	12	11	11	4½	10	12^15	12^15	-	6	6 1	2^3	2^4	½^4	6	11,4	4,¼
Invincible	B	7	7	7	3	7	6^8	6^8	4	6	¼ 0	½^2	½^3	½^5	7	10,6	
Indefatigable	B	6	6	6	3	6	6^7	6^7	3½	4½	¼ 1	1^2	1^3	½^5	4	10,1	
Lion	B	9	9	9	3	9	9^11	9^11	2/4	5	¼ 1	2½^3½	2½^3½	½^5	4	10,1	4,-,¼
Tiger	B	9	9	9	3½/4	8	9^11	9^11	0/4	5	¼ 1	1^2	1^2½	½^2	4/8	10,6	6,-,¼
Repulse	C	9	7	10	4	7	6^8	6^8	3/4	4	¼ 1	1^3	1^4	½^4	4	10,1	4,-,¼
Renown	C	9	7	10	4	7	6^8	6^8	3/4	4	½ 1	1^3	1^4	½^4	4	10,1	4,-,¼
Courageous	C	12	7	9	4	7	3^4	3^4	-	4	¼ 1	½^1½	1^4	½^2	3	10,3	4,-,¼
Drake	B	5	4½	4½	3	5½	5½^7	5½^7	2½	5½	5½ 1	1^2	1^2½	½^2	3	9,1	
Duke of Edinburgh	B	7½	7	7	3½	6	5½^7	5½^7	3½	3	5½ 1	1^2	1^3	½^2	1	10,1	
Southampton	B	½	-	-	-	1½	3	3	1½	2	¼ 1	¼^1	¼^1	½^2	2	5,1	
Birmingham	B	½				2	3^5	3^5	1½/2	2		1^2	1^2½	½^2	2½	4,1	
Arethusa	B	½	-	-	-	1½	3	2	1½	1½	¼ 1	¼^1	¼^1	¼^1	1½	5,1	
Caroline	B	1	-	-	-	1½	3	2	1½	2	¼ 1	¼^1	¼^1	¼^1	1½	5,1	

Key:

A/B= Two possible values for this armor, each with a 50/50 chance of occurring.

A^B= Two layers of armor. Roll once for penetration n. If resulting penetration equals or surpasses B then full damage happens. If it only equals or surpasses A then nominal damage is imparted.

f, a= forward, or aft conning tower

f, c, t= forward main fire control, second fire control, aft or torpedo fire control director



WWI British Royal Navy Ship Data List

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Ship Class	British Royal Navy Ship Data																		
	Main	ROF	Secondary	ROF	Tertiary	ROF	AA	ROF	Torpedo	Protection			FireCntl	Rng Fndr	Planes	Hulls	Engines	Speed	Size
										Flash	UW	DC							
Dreadnought	12"/45(5x2)@172	.75	76mm(10)	2					18"(5)	1		3	C			8	4	15	4
Bellerophon	12"/45(5x2)@172	.75	4"/50 (16)	2					18"(3)	1		4	C			9	4	15	3
St. Vincent	12"/50(5x2)	.75	4"/50 (20)	2					18"(3)	1		4	C			9	4	15	3
Neptune	12"/50(5x2)	.75	4"/50 (16)	2					18"(3)	1		4	C			9	4	15	4
Colossus	12"/50(5x2)	.75	4"/50 (16)	2					21"(3)	1		4	C			10	4	18	4
Orion	13.5"/45(5x2)	1	4"/45 (16)	2.5					21"(3)	1		4	C			10	4	15	4
King George V	13.5"/45(5x2)	1	4"/45 (16)	2.5					21"(3)	1		4	'16			11	4	15	4
Iron Duke	13.5"/45(5x2)	1	6"/45 (12)	2	3"/45(2):3	2.5			21"(4)	1		4	'16			12	4	16	4
Agincourt	12"/45(7x2)@187	.75	6"/50 (20)	2	3"/45(10)	2.5	3"/45 (2):3	2.5	21"(3)	1		4	?			13	4	16	4
Erin	13.5"/45(5x2)	1	6"/50(12)	2	3"/45 (2):3	2.5			21"(4)	1		4	?			11	4	15	4
Canada	14"/45(4x2)	1	6"/50(12)	2	3"/45 (2):3	2.5	4:3		21"(4)	1		4	?			13	4	16	5
Queen Elizabeth	15"/42 (4x2)	1	6"/45(14)	2	3"/45 (2):3	2.5			21"(4)	1		4	D	+1		13	4	17	4
Revenge	15"/42 (4x2)	1	6"/45 (14)	2	3"/45 (2):3	2.5			21"(4)	1		4	'15	+1		13	4	17	4
Invincible	12"/45(4x2)	.75	4"/45 (16)	2.5			7:0		18"(5)	-1*		3	'16			8	4	19	3
Indefatigable	12"/45(4x2)	.75	4"/45 (16)	2.5					18"(3)	-1*		3	'16			8	4	18	4
Lion	Mk2a 13.5"/45(4x2)	1	4"/45 (16)	2.5					21"(2)	-1*		4	'15	+1		12	4	20	5
Queen Mary	Mk1a 13.5"/45(4x2)	1	4"/45 (16)	2.5					21"(2)	-1*		4	'16			12	4	20	5
Tiger	Mk1a 13.5"/45(4x2)	1	6"/45(12)	2	3"/45 (2):3	2.5			21"(4)	-1*		4	'15			13	4	21	5
Repulse	15"/42 (3x2)	1	4"/45 (17)	2.5		2.5			21"(2)	-1*		4	D	+1		13	4	19	5
Renown	15"/42 (3x2)	1	4"/45(17)	2.5	3"/45 (2):3	2.5			21"(2)	-1*		4	D	+1		13	4	19	5
Courageous	15"/42 (2x2)	1	4"/45(18)	2.5	3"/45 (2):3	2.5	2:3		21"(2)	-1*		4	D	+1		9	4	23	5
Southampton	6"/50(8)	2							21"(2)			3				3		18	2
Arethusa	6"/50(2)	2	4"/45(6)	2.5			1:3		21"(2x2)			3				2		21	1
Caroline	6"/50(2)	2	4"/45(8)	2.5	3"/45 (2):3	2.5	4:3		21"(2X2)			3				3		21	2

Key:

(NxG)= number of turrets or mounts with 'G' number of guns in each.

:2 = 2 is the damage factors inflicted per hit by this AA battery,

1:2 = 1 is the chance to hit aircraft with this weapon. 2 is the damage factors inflicted to aircraft per hit.

< = See column to the left for guns fulfil this role.

-1* Flashfire protection of -1 until after Jutland where in survivors becomes +1.

ROF greater than one the number of guns is rounded down to whole guns. 9 @ 1.5 = 13 Ns.

ROF=.75 For ROF under 1 the number of guns is rounded up. 10=8,9=7,8=6,7=5,6=5,5=4,4=3,3=2,2=2,1=1.

Fire control : A date indicates when 'D' installed. Prior to that treat as 'C'. By 1917 all capital ships in service are fitted with FCD and are rated D.

Range Findervalue applies to the main battery only. For secondaries the value is one less. For tertiaries it is two less.

12"/45 Max 17,200 Max 18,700	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																							
18				17	16	15	14	13	12	11	10	9	8	7	6	5											
Up to range	AP	5	N	5	7	19	29	41	52	65	78	91	108	125	146	164	192										
				-	1	1½	2	2½												DAF	1	2	3	4	5	6	
Over range				0	62	102	150	184												Over Range	77	100	123	144	165	188	

12"/35 13,600	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																					
				15	14	13	12	11	10	9	8	7	6												
Up to range	AP	5	N	4	9	20	33	45	59	75	92	112	137												
				-	½	1	1½	2												DAF	1	2	3	4	
Over range				0	19	56	90	135												Over Range	62	82	102	121	

9.2" /47	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																											
14,200				12	11	10	9	8	7	6	5	4	3½	3																	
Up to range	AP	6		5	14	22	31	43	53	65	80	95	108	119																	
4.57				-	½	1	1½														DAF			1	2	3	4	5	6		
Over range				0	28	78	125														Over Range			62	77	92	105	119	136		

6" /50	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																											
Max 14,800				5	4½	4	3½	3	2½	2	1½	1	½																		
Up to range	CM	8		5	17	24	32	39	47	58	78	114	148																		
100,2.571				-	¼	½	1	1½												DAF	1	2	3	4	5	6	7	8			
Over range				0	23	45	100	122												Over Range	50	60	70	80	90	102	118	138			

6" /50	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																											
14,800				3½	3	2½	2	1½	1	½																					
Up to range	HE	7	N	5	8	24	39	58	103	148																					
				-	¼	½	1	1½												DAF	1	2	3	4	5	6	7	8			
Over range				0	5	19	92	126												Over Range	50	60	70	80	90	102	118	138			

6" /45	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																											
Max 14,800				5	4½	4	3½	3	2½	2	1½	1	½																		
Up to range	CM	8		5	18	29	39	48	59	73	100	145	148																		
100,2825	3.417			-	¼	½	1	1½												DAF	1	2	3	4	5	6	7				
Over range				0	24	44	109	136												Over Range	55	68	80	91	103	117	136				

4" /45 Max 12,600LA Max 15,000HA	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																					
				2½	2	1½	1	½																	
Up to range	HE	9		4	9	73	143	150																	
55,2360	7.27			-	¼	½	1											DAF	1	2	3	4	5	6	
Over range				0	5	17	99											Over Range	60	79	98	115	132	152	

3" /20 cwt	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ horizontal) armor																									
				2	1½	1	½																						
Max 11,800																													
Up to range	HE	12		3	13	40	84																						
12.5,2500	1.542			-	¼	½	1	1½												DAF	1	2	3	4	5	6	7	8	9
Over range				0	5	15	67	91												Over Range	29	36	44	51	59	68	78	90	96

Greenboy 1918 or later