



## WWII Italian Navy Ship Data List

Ship Class	Body Type	Inches of Class 'A' (vertical/ <i>horizontal</i> ) armor														
		Tur F	Tur S	Tur R	Tur Top	BB	Belt Eng	Belt Mag	Up Belt	Deck Eng	Deck Mag	2 <sup>nd</sup> Tur	Low Belt	AB f,a	CT f,a	FCD f,a,t
Vittorio Veneto	R	17	9	16	9	16/17	16^17	16^17	3	1½^5	1½^5	12 6/4	3	9	12,1	11,1,1
Caio Duilo	C	11	9	9	3	13	11^13	11^13	7	1½^4	1½^5	4½ 2½	2	6	12,1	2,1,1
Conte di Cavour	C	11	9	9	3	13	11^13	11^13	4	1½^4	1½^5	4½ 1½	2	6	12,1	2,1,1
Zara	S	6	5	5	3	6	6	6	(1)	1^3	1^3	½ ½	3	3	6,¼	5,1,¼
Trento	S	2½	2½	2½	2½	4	2½^5	2½^5		1^3	1^3	½ ½	2	2½	4,¼	3½,¼
Bolzano	S	2½	2½	2½	2	3	3	3	(1)	2	2	½ ½	1	2½	4,¼	3,¼
Abruzzi	S	5	1½	3½	2½	6	1^6	1^6	(2)	½^2	1^2	½ ½	2	4	6,¼	1,1,1
Duca d'Aosta	S	3½	2	2	2	4	2½^4	2½^4	(2)	1½^2	1½^2	½ ½	1	2	4,¼	1,¼
Montecuccoli	S	2½	1½	1½	1½	2	2½^3	2½^4		1	1	½ ½	1	1½	4,¼	2,¼
Giussano	S	1	1	1	1	1	1^2	1^2		1	1	½ ½	½	1	1½	1
Cadorna	S	1	1	1	1	1	1^2	1^2		1	1	½ ½	½	1	1½	1
'Capitani Romani'	S	1	1	1	¼	1	½	½		½	½		½	½	½	½
Mirabello	S	¼				½				¼	¼					
Leone	S	¼				½	½	½		¼	¼	-		¼		
Sella	S	¼				½	½	½		¼	¼	-		¼		
Sauro	S	¼				½	½	½		¼	¼	-		¼		
Turbine	S	¼				½	½	½		¼	¼	-		¼		
'Navigatori'	S	½				½	½	½		¼	½	-		¼		
Freccia	S	½				½	½	½		¼	½	-		¼		
Fologore	S	½				½	½	½		¼	½	-		¼		
Maestrale	S	½				½	½	½		¼	½	-		¼		
Oriani	S	½				½	½	½		¼	½	-		¼		
'Soidati'	S	½				½	½	½		¼	½	-		¼		
Bombardiere	S	½				½	½	½		¼	½	-		¼		



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Ship Class	Italian Navy Ship Data																	
	Main	ROF	Secondary	ROF	Tertiary, High AA	ROF	Low AA	Torpedo	Protection			Radar	Rng Fndr	Planes	Hulls	Engines	Speed	Size
									Flash	UW	DC							
Vittorio Veneto	15 " / 50 (3x3)	.75	6 " / 55 (4x3)	1.75	90mm(12):4	2.75	20:4,28:2		3	3	4	+3S	3	21	5	22	6	
Caio Duilo	12.6 " / 44(1x3,2x2)	1	5.3 " / 45 (6x2)	2	90mm (10):4	2.75	19:4,16:2		3	2	4	+1		16	5	21	4	
Conte di Cavour	12.6 " / 44(1x3,2x2)	1	4.7 " / 50 (6x2)	2	100 mm (2x4):5	2.25	16:4,12:2		3	2	4	+1	4	15	5	19	4	
Zara	8 " / 53 (4x2)	1.5	100 mm (8x2):5	2.25	<		6:4,8:1		2	2	3			6	4	23	3	
Trento	8 " / 50 (4x2)	1.5	100 mm (8x2):5	2.25	<		4:4,4:1	21 " (4x2)	2	2	3			6	4	26	3	
Bolzano	8 " / 53 (4x2)	1.5	100 mm (8x2):5	2.25	<		4:4,8:1	21 " (4x2)	2	2	3			6	4	26	3	
Abruzzi	6 " / 53 (2x3,2x2)	1.75	100 mm (8x2):5	2.25	<		8:4,8:1	21 " (2x3)	2	1	3	+1		5	4	25	3	
Duca d'Aosta	6 " / 53 (4x2)	1.75	100 mm (3x2):5	2.25	<		8:4,12:1	21 " (2x3)	2	1	3	+1		5	4	27	3	
Montecuccoli	6 " / 53 (4x2)	1.75	100 mm (3x2):5	2.25	<		8:4,8:1	21 " (2x2)	1	1	3	+1		4	3	27	2	
Cadorna	6 " / 53 (4x2)	1.75	100 mm (8x2):5	2.25	<		2:4,8:1	21 " (2x2)	1	1	3			3	3	27	3	
Giussano	6 " / 53 (4X2)	1.75	100 mm (8x2):5	2.25	<		8:4,8:1	21 " (2x2)	1	1	3			3	3	27	2	
'Capitani Romani'	5.3 " / 45 (4x2)	2					8:4,8:2	21 " (2x4)	1	1	3			3	3	29	2	
Pilo	4 " / 35 (2)	2					6:2,8:0	21 " (2x2)			2			1	2	26	1	
Leone	4.7 " / 45 (4x2)	2					4:1,4:0	21 " (2x2)			2			1	2	26	1	
Sella	4.7 " / 45 (1x1,1x2)	2					2:4,4:2,2:0	21 " (2x2)			2			1	2	26	1	
Sauro	4.7 " / 45 (2x2)	2					2:4:,2:1	21 " (2x3)			2			1	2	26	1	
Turbine	4.7 " / 45 (2x2)	2					8:2	21 " (2x3)			2			1	2	26	1	
'Navigatori'	4.7 " / 50 (3x2)	2					7:2	21 " (2x3)			2			2	2	28	1	
Freccia	4.7 " / 50 (2x2)	2					5:2	21 " (2x3)			2			1	2	28	1	
Fologore	4.7 " / 50 (2x2)	2					5:2	21 " (2x3)			2			1	2	28	1	
Maestrale	4.7 " / 50 (2x2)	2					5:2	21 " (2x3)			2			2	2	28	1	
Oriani	4.7 " / 50 (2x2)	2					8:2	21 " (2x3)			2			2	2	28	1	
'Soidati'	4.7 " / 50 (2x2)	2					8:2	21 " (2x3)			2			2	2	28	1	
Bom bardiere	4.7 " / 5 0(1x1,2x2)	2					8:2	21 " (2x3)			2			2	2	28	1	

ROF greater than one the number of guns is truncated to whole guns.

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

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



6" /53	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																											
Max 22,600				9	8	7	6	5	4	3½	3	2½	2	1½	1																
Up to range	AP	9		13	29	44	60	78	94	106	123	146	185	219	226																
				-	½	1	1½	2	2½											DAF				1	2	3	4	5	6	7	8
Range over				0	44	130	165	188	220											Range over				68	87	105	120	135	152	174	202

6" /53	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																											
Max 24,600				5	4	3½	3	2½	2	1½																					
Up to range	HE	7		15	29	44	60	78	94	246																					
				1½	2	2½														DAF	1	2	3	4	5	6	7	8			
Range over				0	101	202														Range over	68	87	105	120	135	152	174	202			

5.3"/45	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																									
Max 19,600				6	5	4	3½	3	2½	2	1½	1																	
Up to range	AP	10		21	40	57	72	88	105	136	177	196																	
				-	½	1	1½	2	2½	3										DAF	1	2	3	4	5	6	7	8	9
Range over				0	31	92	131	154	172	186										Range over	57	72	87	98	110	123	139	161	193

5.3" /45	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																									
Max 19,600				4	3½	3	2½	2	1½	1																			
Up to range	HE	8		7	14	21	40	57	127	196																			
				1	1½	2	2½	3												DAF	1	2	3	4	5	6	7	8	9
Range over				0	70	139	161	193												Range over	57	72	87	98	110	123	139	161	193

4.7" /50	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																									
Max 18,200* Max 19,600				6	5	4	3½	3	2½	2	1½	1																	
Up to range	AP	10		18	31	44	53	65	80	96	108	196																	
				-	½	1	1½	2	2½											DAF	1	2	3	4	5	6	7	8	9
Range over				0	40	110	141	165	184											Range over	56	68	80	92	104	116	132	153	177

4.7" /50 Max 18,200* Max 19,600	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																									
4				3½	3	2½	2	1½	1																				
Up to range				HE	9		6	12	18	31	44	66	196																
							1	1½	2	2½																			
				1	1½	2	2½																						
Range over				0	76	153	177																						

\* Secondary on Cesare class

4.7 " /45	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																												
Max 15,500				5	4	3½	3	2½	2	1½	1	½																				
Up to range	AP	10		26	39	47	58	71	85	96	150	155																				
	H			-	½	1	1½	2												DAF				1	2	3	4	5	6	7	8	
Range over				0	40	108	130	145												Range over				52	64	76	87	98	111	125	144	

4.7" /45	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																								
Max 15,000				4	3½	3	2½	2	1½	1																		
Up to range	HE	9		5	10	15	26	39	58	150																		
				1	1½	2														DAF	1	2	3	4	5	6	7	8
Range over				0	72	144														Range over	52	64	76	87	98	111	125	144

100mm	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																								
Max 15,800				4	3½	3	2½	2	1½	1	½																	
Up to range	AP	10		20	35	50	70	95	110	130	150																	
				-	½	1											DAF			1	2	3	4	5	6	7	8	9
Range over				0	60	120											Range over			51	62	71	80	87	96	106	119	135

100mm	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																							
Max 15,800				4	3½	3	2½	2	1½	1																	
Up to range	HE	9		15	30	45	65	85	105	158																	
				1	1½	2												DAF	1	2	3	4	5	6	7	8	9
Range over				0	67	135												Range over	51	62	71	80	87	96	106	119	135

90mm	Shell	Damage	Disp	Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																								
Max 15,500				4	3½	3	2½	2	1½	1	½																	
Up to range	AP	11		8	22	30	52	75	95	115	155																	
				-	½	1											DAF			1	2	3	4	5	6	7	8	9
Range over				0	50	140											Range over			44	54	63	71	81	91	104	118	136

90mm				Range 100 x meters vs Penetration in Inches of Class 'A' (vertical/ <b>horizontal</b> ) armor																								
Max 15,500	Shell	Damage	Disp	3	2½	2	1½	1																				
Up to range	HE	10		6	12	18	24	155																				
				1	1½	2													DAF	1	2	3	4	5	6	7	8	9
Range over				0	104	136													Range over	44	54	63	71	81	91	104	118	136