

Ship Reference Sheet							1. Ship name Borea																									
2. Ship class		3. Ship Type		4. Size class		5. Speed		6. Propulsion		7. Crew		8. Total Mounts		9. Armor Class																		
Turbine		DD		C		36		Steam Turbine		179		8		0																		
Radars (Annex G)			Range		Range		Range		Damage Point Effects																							
Name			Function		Large		Small		Vsmall		Percentage Damage																					
											0%		25%		50%		75%		90%		100%											
											Damage Points		0		11		22		34		40		45									
											Surface Speed		36		27		18		9		0		Sinks									
“											Acceleration Rate (% of Max Speed)		0-50%		51-100%		Deceleration Rate (Any Speed)		15kts													
“													12kts		16kts																	
Sonar (Annex H)			Active		Passive Range																											
Name			Type		Range		Surf Ship		Submarine		Torpedo		Turning Distance (Hard Rudder)		Speed Loss per 45° Turn		3kts (HR)		Note: Turns greater than 45° halves acceleration rate													
Periphon-C			Keel		1.1		2.0		0.5		1.0		Turning Distance (Standard Rudder)		300yds		2kts (SR)															
													Embarked Aircraft:		N/A																	
Guns (Annex C)			Shell		Short Range (7)			Med Range (5)			Long Range (2)			Extreme Range (1)			FC Radar, Strength, Rng															
Arc(bb)Mts			Name		Type		Range		Pen		Dam/Mt		Range		Pen		Dam/Mt		Range		Pen		Dam/Mt									
F/A (2)2			OTO 1926 120mm/45		AP		0- 2.0		24		6		2.1- 5.9		18		3		6.0- 9.8		4		1		9.9- 13.0		7		1			
					HE				4		10				3		8				1		3									

Ship Reference Sheet						1. Ship name Carabinieri									
2. Ship class		3. Ship Type	4. Size class		5. Speed	6. Propulsion		7. Crew		8. Total Mounts		9. Armor Class			
Soldati (5th gun)		DD	C		38	Steam Turbine		206		11		0			
Radars (Annex G)			Range Large	Range Small	Range Vsmall	Damage Point Effects									
Name Function			Percentage Damage			0%	25%	50%	75%	90%	100%				
			Damage Points	0	16	33	49	59	65						
			Surface Speed	38	28	19	10	0	Sinks						
"			Acceleration Rate (% of Max Speed)	0-50%	51-100%	Deceleration Rate (Any Speed)		15kts							
"				12kts	16kts										
Sonar (Annex H)			Active Range	Passive Range			Turning Distance (Hard Rudder)					Note: Turns greater than 45° halves acceleration rate			
Name Type			Surf Ship	Submarine	Torpedo	Turning Distance (Standard Rudder)		Speed Loss per 45° Turn	3kts (HR)	2kts (SR)					
Safar P600		Keel	1.3	3.0	0.8	1.5	Embarked Aircraft:					N/A			
GC 3000		Flank	NA	6.0	1.5	3.0									
Guns (Annex C)			Shell Type	Short Range (7)			Med Range (5)		Long Range (2)		Extreme Range (1)		FC Radar, Strength, Rng		
Arc(bb)Mts Name			Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	
F/A (2)2 P&S (1)1		Ansaldo 1926 120mm/50	AP	0-3.2	24	6	3.3-9.5	18	3	9.6-15.8	4	1	15.9-21.0	7	1
			HE		4	10		3	8		1	3		1	3
vs. Belt Armor													vs. Deck Armor		
Area AA Guns:			Ansaldo 1926 120mm/50					Area AA Range:			5.0		Area AA Strength: 0.4		
Light AA Guns:			(2)6 Breda 20mm/65					Light AA Strength: 1.6							
Anti-Submarine Warfare Systems (Annex D)															
Arc(bb) Mts Name			Range	PH	Dam Pts	Remarks									

Depth Change Armament:			Max Pattern Size:				Max Pattern Depth:				
(2) No. 2 DC rails w/4 B TG100 DC			3, 5, 7, 9, 11				Int II				
(1)4 DC Throwers w/ 5 DC											
DC Type:			Total DC's Carried:								
B TG100			44 (total)								
Torpedoes (Annex E)			# Torps per mt	Speed kts	Dist/Tn yds	Range yds	Damage Points	Remarks			
P&S (3)2		533mm TT w/3 270/533 4 x 7.2	3	46		4400	68				
				35		8760					
				29		13100					

Notes and Remarks:

- (1) Five modified ships in class with 5th 120mm gun: Carabinieri, Camicia Nera, Ascari, Lanciere and Geniere.
- (2) Standard displacement is 1690 tons.
- (3) 1942 AA & sonar fit.
- (4) Most 1st series ships fitted with OTO 120mm/15 starshell howitzer.

Ship Reference Sheet							1. Ship name Luca Tarigo																			
2. Ship class		3. Ship Type	4. Size class		5. Speed		6. Propulsion		7. Crew		8. Total Mounts		9. Armor Class													
Navigatori		DD	C		38		Steam Turbine		224		9		0													
Radars (Annex G)			Range		Range		Damage Point Effects			0%			25%		50%		75%		90%		100%					
Name	Function		Large		Small		Percentage Damage			0%			25%			50%			75%			90%			100%	
							Damage Points		0		20		40		60		72		80							
							Surface Speed		38		28		19		10		0		Sinks							
							Acceleration Rate (% of Max Speed)		0-50%		51-100%		Deceleration Rate (Any Speed)		15kts											
									12kts		16kts															
Sonar (Annex H)			Active Range		Passive Range				Turning Distance (Hard Rudder)		Speed Loss per 45° Turn		3kts (HR)		Note: Turns greater than 45° halves acceleration rate											
Name	Type		Range		Surf Ship		Submarine		Torpedo		Turning Distance (Standard Rudder)		2kts (SR)													
Periphon-C	Keel	1.1	2.0	0.5	1.0							300yds														
Embarked Aircraft:														N/A												
Guns (Annex C)		Shell Type		Short Range (7)			Med Range (5)			Long Range (2)			Extreme Range (1)			FC Radar, Strength, Rng										
Arc(bb)Mts	Name		Range		Pen		Dam/Mt		Range		Pen		Dam/Mt		Range		Pen		Dam/Mt							
F/P&S/A (2)3	Ansaldo 1926 120mm/50		AP	0-3.2	24	6	3.3-9.5	18	3	9.6-15.8	4	1	15.9-21.0	7	1											
			HE		4	10		3	8		1	3		1	3											
vs. Belt Armor													vs. Deck Armor													
Area AA Guns:			Ansaldo 1926 120mm/50							Area AA Range:				5.0		Area AA Strength: 0.5										
Light AA Guns:			(1)7 Breda 20mm/65, (2)4 Breda 13.2mm/75													Light AA Strength: 1.5										
Anti-Submarine Warfare Systems (Annex D)																										
Arc(bb) Mts	Name		Range		PH		Dam Pts		Remarks																	

Depth Change Armament:				Max Pattern Size:				Max Pattern Depth:							
(2) No. 2 DC rails w/4 B TG100 DC				3, 5, 7				Int II							
(1)2 DC Throwers w/ 5 DC															
DC Type:				Total DC's Carried:											
B TG100				32 (total)											
Torpedoes (Annex E)				# Torps per mt		Speed kts		Dist/Tn yds		Range yds		Damage Points		Remarks	
Arc(bb)Mts	Torpedo Type														
P&S (3)2	533mm TT w/3 270/533 4 x 7.2			3		46		4400		68					
						35		8760							
						29		13100							

Notes and Remarks:

- (1) Twelve ships in class: Alvide da Mosto, Antonio da Noli, Nicolo da Recco, Giovanni da Verrazano, Lanzerotto Malocello, Leone Pancaldo, Emanuele Pessagno, Antonio Pigafetta, Luca Tarigo, Antoniotto Usodimare, Ugolino Vivaldi and Nicolo Zeno.
- (2) Standard displacement is 2125 tons.
- (3) 1940 AA & sonar fit.
- (4) All except Reco carry 86-104 mines..

Ship Reference Sheet						1.Ship name Scirocco															
2.Ship class		3. Ship Type	4. Size class		5. Speed		6. Propulsion		7. Crew		8. Total Mounts		9. Armor Class								
Maestrale		DD	C		38		Steam Turbine		190		10		0								
Radars (Annex G)			Range	Range	Range		Damage Point Effects														
Name Function			Large	Small	Vsmall		Percentage Damage			0%		25%		50%		75%		90%		100%	
							Damage Points			0		16		31		47		57		63	
							Surface Speed			38		28		19		10		0		Sinks	
"							Acceleration Rate (% of Max Speed)			0-50%		51-100%		Deceleration Rate (Any Speed)		15kts					
"										12kts		16kts									
Sonar (Annex H)		Active	Passive Range																		
Name Type		Range	Surf Ship	Submarine		Torpedo															
Periphon-C		Keel	1.1	2.0	0.5		1.0														
							Turning Distance (Hard Rudder)			200yds		Speed Loss per 45° Turn		3kts (HR)	Note: Turns greater than 45° halves acceleration rate						
							Turning Distance (Standard Rudder)			300yds				2kts (SR)							
Embarked Aircraft: N/A																					
Guns (Annex C)			Shell	Short Range (7)			Med Range (5)			Long Range (2)			Extreme Range (1)			FC Radar, Strength, Rng					
Arc(bb)/Mts Name		Type	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt				
F/A (2)2		OTO 1931 120mm/50	AP	0-3.2	24	6	3.3-9.5	18	3	9.6-15.8	4	1	15.9-21.0	7	1						
			HE		4	10		3	8		1	3		1	3						
vs. Belt Armor _____ vs. Deck Armor _____																					
Area AA Guns: OTO 1931 120mm/50			Area AA Range: 5.0													Area AA Strength: 0.3					
Light AA Guns: (1)6 Breda 20mm/65			Light AA Strength: 0.9																		
Anti-Submarine Warfare Systems (Annex D)																					
Arc(bb) Mts Name		Range	PH	Dam Pts	Remarks																

Depth Change Armament:		Max Pattern Size:					Max Pattern Depth:			
(2) No. 2 DC rails w/4 B TG100 DC		3, 5, 7					Int II			
(1)4 DC Throwers w/ 5 DC										
DC Type:		Total DC's Carried:								
B TG100		44 (total)								

Torpedoes (Annex E)		# Torps	Speed	Dist/Tn	Range	Damage	Remarks
Arc(bb)Mts Torpedo Type		per mt	kts	yds	yds	Points	
P&S (3)2		533mm TT w/3 270/533 4 x 7.2	3	46		4400	68
						8760	
						13100	

Notes and Remarks:

(1) Four ships in class: Maestrale, Grecale, Libeccio and Scirocco.

(2) Standard displacement is 1615 tons.

Ship Reference Sheet						1. Ship name Freccia										
2. Ship class Dardo		3. Ship Type DD		4. Size class C		5. Speed 38		6. Propulsion Steam Turbine		7. Crew 185		8. Total Mounts 10		9. Armor Class 0		
Radars (Annex G) Name Function		Range Large		Range Small		Range Vsmall		Damage Point Effects Percentage Damage 0% 25% 50% 75% 90% 100%								
						Damage Points		0	12	25	37	45	50			
						Surface Speed		38	28	19	10	0	Sinks			
"						Acceleration Rate (% of Max Speed)		0-50% 12kts	51-100% 16kts	Deceleration Rate (Any Speed)		15kts				
"						Turning Distance (Hard Rudder)		200yds	Speed Loss per 45° Turn	3kts (HR)	Note: Turns greater than 45° halves acceleration rate					
Sonar (Annex H) Name Type		Active Range		Passive Range Surf Ship Submarine Torpedo		Turning Distance (Standard Rudder)		300yds		2kts (SR)						
Periphon-C		Keel	1.1	2.0	0.5	1.0	Embarked Aircraft: N/A									
Guns (Annex C)																
Arc(bb)Mts Name		Shell Type		Short Range (7) Range Pen Dam/Mt			Med Range (5) Range Pen Dam/Mt			Long Range (2) Range Pen Dam/Mt			Extreme Range (1) Range Pen Dam/Mt			FC Radar, Strength, Rng
F/A (2)2	Ansaldo 1926 120mm/50	AP	0- 3.2	24	6	3.3- 9.5	18	3	9.6- 15.8	4	1	15.9- 21.0	7	1		
		HE		4	10		3	8		1	3		1	3		
vs. Belt Armor _____ vs. Deck Armor _____																
Area AA Guns: Ansaldo 1926 120mm/50 Area AA Range: 5.0 Area AA Strength: 0.3																
Light AA Guns: (1)8 Breda 20mm/65 Light AA Strength: 1.1																
Anti-Submarine Warfare Systems (Annex D)																
Arc(bb) Mts Name		Range		PH		Dam Pts		Remarks								

Depth Change Armament: (2) No. 2 DC rails w/4 B TG100 DC (1)4 DC Throwers w/ 5 DC				Max Pattern Size: 3, 5, 7, 9, 11				Max Pattern Depth: Int II					
DC Type: B TG100				Total DC's Carried: 44 (total)									
Torpedoes (Annex E) Arc(bb)Mts Torpedo Type		# Torps per mt		Speed kts		Dist/Tn yds		Range yds		Damage Points		Remarks	
P&S (3)2		533mm TT w/3 270/533 4 x 7.2		3		46		4400		68			
						35		8760					
						29		13100					

Notes and Remarks:															
(1) Four ships in class: Dardo, Freccia, Strale and Saetta.															
(2) Standard displacement is 1220 tons.															
(3) 1940 AA fit.															
(4) Can carry 54 mines.															

Ship Reference Sheet							1. Ship name Pegaso										
2. Ship class		3. Ship Type	4. Size class		5. Speed		6. Propulsion		7. Crew		8. Total Mounts		9. Armor Class				
Pegaso		DE	D		28		Steam Turbine		168		11		0				
Radars (Annex G)			Range Large	Range Small	Range Vsmall	Damage Point Effects											
Name Function						Percentage Damage											
							0%	25%	50%	75%	90%	100%					
							Damage Points	0	9	18	28	33	37				
							Surface Speed	28	21	14	7	0	Sinks				
							Acceleration Rate (% of Max Speed)	0-50%	51-100%		Deceleration Rate (Any Speed)		15kts				
								12kts	16kts								
Sonar (Annex H)			Active Range	Passive Range													
Name Type				Surf Ship	Submarine	Torpedo											
Periphon-C			Keel	1.1	2.0	0.5	1.0										
							Turning Distance (Hard Rudder)										
								100yds	Speed Loss per 45° Turn	3kts (HR)	Note: Turns greater than 45° halves acceleration rate						
							Turning Distance (Standard Rudder)										
								200yds		2kts (SR)							
							Embarked Aircraft:										
							N/A										
Guns (Annex C)		Shell Type	Short Range (7)			Med Range (5)			Long Range (2)			Extreme Range (1)			FC Radar, Strength, Rng		
Arc(bb)Mts Name			Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt	Range	Pen	Dam/Mt			
F/A (1)2 OTO 1928 100mm/47		AP	0-2.5	18	4	2.6-7.5	14	3	7.6-12.5	3	1	12.6-16.6	6	1			
		HE		3	9		2	7		0	3		1	3			
vs. Belt Armor																	
vs. Deck Armor																	
Area AA Guns:			OTO 1928 100mm/47						Area AA Range:			3.0		Area AA Strength: 0.3			
Light AA Guns:			(1)8 Breda 20mm/65						Light AA Strength: 1.1								
Anti-Submarine Warfare Systems (Annex D)																	
Arc(bb) Mts Name		Range	PH	Dam Pts	Remarks												

Depth Charge Armament:			Max Pattern Size:				Max Pattern Depth:				
(2) Gattaschi DC Rack w/4 B TG50 DC			3, 5, 7, 9, 11, 19				Int II				
(1)6 DC Throwers w/ 4 B TG50 DC											
DC Type:		Total DC's Carried:									
B TG50		40 (total)									
Torpedoes (Annex E)			# Torps per mt	Speed kts	Dist/Tn yds	Range yds	Damage Points	Remarks			
P&S (2)2		450mm TT w/2 110/450 4 x 5.5	2	43		2200	28				

Notes and Remarks:

- (1) Four ships in class: Pegaso, Orsa, Orione and Procione.
- (2) Standard displacement is 840 tons..
- (3) Can carry 20 mines.

Ship Reference Sheet						1. Ship name Generale Achille Papa																
2. Ship class Generali		3. Ship Type TB		4. Size class D		5. Speed 30		6. Propulsion Steam Turbine		7. Crew 106		8. Total Mounts 9		9. Armor Class 0								
Radars (Annex G)		Range Large		Range Small		Range Vsmall		Damage Point Effects														
Name		Function		Large		Small		Percentage Damage		0%		25%		50%		75%		90%		100%		
								Damage Points		0		9		18		27		32		36		
								Surface Speed		30		22		15		8		0		Sinks		
"								Acceleration Rate (% of Max Speed)		0-50%		51-100%		Deceleration Rate (Any Speed)						15kts		
"										12kts		16kts										
Sonar (Annex H)		Active Range		Passive Range				Turning Distance (Hard Rudder)		Speed Loss per 45° Turn		3kts (HR)		Note: Turns greater than 45° halves acceleration rate								
Name		Type		Surf Ship		Submarine		Torpedo		200yds		2kts (SR)										
Periphon-C		Keel		1.1		2.0		0.5		1.0												
Guns (Annex C)		Shell Type		Short Range (7)			Med Range (5)			Long Range (2)			Extreme Range (1)			FC Radar, Strength, Rng						
Arc(bb)/Mts		Name		Range		Pen	Dam/Mt		Range	Pen	Dam/Mt		Range	Pen	Dam/Mt							
F/P&S/A (1)3		Schneider-Armstrong M1919 102mm/45		HE		0-2.5	3		7	2.6-7.4		2	5		7.5-12.3	0	2		12.4-16.4	1	2	