

Scenario: Franco-Italian War 1924 Italian Fleet, Italy

Initial conditions

Wind E at 10 knots
Visibility 16,404 yards (33 inches), improving

Unit	Pos (in.)	Crs	Spd(ord/max/unit max)
F-esc1 in formation line ahead lead ship Andrea Doria (F)	43N 32E	180	18 21 21
F-esc2 in formation line ahead lead ship Conte di Cavour	43N 48E	180	18 21 21
F-esc3 in formation line ahead lead ship Leonardo Di Vinci	43N 64E	180	18 21 21
F-esc4 in formation line ahead lead ship Tegetthoff	43N 80E	180	18 20 20

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Turn 1 08:25 Hrs Real Time 07:45:49 AM 06/23/2020
Visibility 19,769 yards (40 inches), improving

REPORTS for Italian Fleet

Sighted Derfflinger class BC ----- 20N 08E, Crs 045, Spd 15 from Andrea Doria
another ----- 20N 07E, Crs 090, Spd 15
Sighted Bretagne class DN ----- 12N 24E, Crs 045, Spd 15 from Andrea Doria
another ----- 11N 24E, Crs 000, Spd 15
Sighted Normandie class DN ----- 12N 68E, Crs 315, Spd 15 from Conte di Cavour
Sighted Bretagne class DN ----- 11N 68E, Crs 000, Spd 15 from Conte di Cavour
Sighted Courbet class DN ----- 12N 92E, Crs 000, Spd 15 from Tegetthoff
another ----- 11N 93E, Crs 315, Spd 15
another ----- 11N 93E, Crs 315, Spd 15

Apparent wind on Andrea Doria from ESE at 25 knots (2 points to port)

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1 Derfflinger -----	14,331			
Caio Duilio ----->	1 Bretagne -----	13,117			Andrea Doria/3ptsS/Range rate high
Conte di Cavour ----->	1 Normandie -----	13,982	3	2	/Range rate high
Gulio Cesare ----->	2 Bretagne -----	14,946	3	2	Conte di Cavour/3ptsS/Range rate high
Leonardo Di Vinci ----->	1 Normandie -----	12,311		2	/Range rate high
Dante Alighieri ----->	2 Bretagne -----	12,965		2	Leonardo Di Vinci/3ptsS/Range rate high
Tegetthoff ----->	1 Courbet -----	12,402	3		/Range rate high
Prinz Eugen ----->	2 Courbet -----	13,326	3		Tegetthoff/3ptsS/Range rate high
Viribus Unitis ----->	3 Courbet -----	14,249	3		Prinz Eugen/3ptsS/Range rate high

second ship in enemy unit, Derfflinger class not under fire
second ship in enemy unit, Bretagne class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
F-esc1 -----	Andrea Doria -----	39N 36E	135	20 17 16.6 21 21
F-esc2 -----	Conte di Cavour -----	39N 52E	135	20 17 16.6 21 21
F-esc3 -----	Leonardo Di Vinci -----	39N 68E	135	20 17 16.6 21 21
F-esc4 -----	Tegetthoff -----	39N 84E	135	19 17 16.4 20 20

HITS

	Heavy caliber	Medium caliber
1 Bretagne class -----	1 hit, 1 total	
1 Normandie class -----	2 hits, 2 total	
1 Courbet class -----	1 hit, 1 total	
2 Courbet class -----	1 hit, 1 total	
Caio Duilio -----	1 hit, 1 total	

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Turn 2 08:30 Hrs Real Time 07:50:44 AM 06/23/2020
Visibility 20,779 yards (42 inches), improving

REPORTS for Italian Fleet

Andrea Doria primary guns damaged
Apparent wind on Andrea Doria from ESE at 28 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1	Derfflinger -----	14,234	5		
Caio Duilio ----->	1	Bretagne -----	11,009			Andrea Doria/2ptsS
Conte di Cavour ----->	1	Normandie -----	10,344		3	
Gulio Cesare ----->	2	Bretagne -----	10,774		3	Conte di Cavour/2ptsS
Leonardo Di Vinci ----->	1	Normandie -----	12,099		3	
Dante Alighieri ----->	2	Bretagne -----	11,832		3	Leonardo Di Vinci/2ptsS
Tegetthoff ----->	1	Normandie -----	17,666		3	/Range rate high
Prinz Eugen ----->	2	Bretagne -----	17,044		3	Tegetthoff/2ptsS/Range rate high
Viribus Unitis ----->	3	Courbet -----	10,300	6		Prinz Eugen/2ptsS

second ship in enemy unit, Derfflinger class not under fire
second ship in enemy unit, Bretagne class not under fire
first ship in enemy unit, Courbet class not under fire
second ship in enemy unit, Courbet class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
F-esc1 -----	Andrea Doria -----	36N 41E	120	20 19 18.4 21 21
F-esc2 -----	Conte di Cavour -----	36N 57E	120	20 19 18.4 21 21
F-esc3 -----	Leonardo Di Vinci -----	36N 73E	120	20 19 18.4 21 21
F-esc4 -----	Tegetthoff -----	36N 89E	120	19 18 17.6 20 20

HITS

	Heavy caliber	Medium caliber
1 Derfflinger class -----	1 hit, 1 total	
1 Bretagne class -----	1 hit, 2 total	
1 Normandie class -----	6 hits, 8 total	
2 Bretagne class -----	2 hits, 2 total	
3 Courbet class -----	1 hit, 1 total	
Andrea Doria -----	4 hits, 4 total	
Caio Duilio -----	1 hit, 2 total	
Conte di Cavour -----	1 hit, 1 total	
Tegetthoff -----	4 hits, 4 total	

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Turn 3 08:35 Hrs Real Time 07:55:25 AM 06/23/2020
Visibility 20,779 yards (42 inches), improving

REPORTS for Italian Fleet

Tegetthoff primary guns damaged
Apparent wind on Andrea Doria from E at 29 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1	Derfflinger -----	15,330	3		Caio Duilio/Downwind
Caio Duilio ----->	1	Bretagne -----	10,454		2	
Conte di Cavour ----->	1	Bretagne -----	15,428		5 2	
Gulio Cesare ----->	2	Bretagne -----	15,453		5	Bretagne class
Leonardo Di Vinci ----->	1	Normandie -----	14,914		5	/Range rate high
Dante Alighieri ----->	2	Bretagne -----	14,320		3	/Range rate high
Prinz Eugen ----->	1	Courbet -----	7,698			
Viribus Unitis ----->	3	Courbet -----	8,010			

second ship in enemy unit, Derfflinger class not under fire
second ship in enemy unit, Courbet class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
F-esc1 -----	Andrea Doria -----	36N 48E	090	20 19 18.4 21 21
F-esc2 -----	Conte di Cavour -----	36N 64E	090	20 19 18.4 21 21
F-esc3 -----	Leonardo Di Vinci -----	36N 80E	090	20 19 18.4 21 21
F-esc4 -----	Tegetthoff -----	36N 95E	090	19 19 18.6 20 20

HITS

	Heavy caliber	Medium caliber
1 Derfflinger class -----	1 hit, 2 total	
1 Bretagne class -----	5 hits, 7 total	
1 Normandie class -----	4 hits, 12 total	
2 Bretagne class -----	2 hits, 4 total	
1 Courbet class -----	1 hit, 2 total	
3 Courbet class -----	8 hits, 9 total	

Andrea Doria ----- 2 hits, 6 total
 Caio Duilio ----- 7 hits, 9 total
 Caio Duilio medium damage
 Conte di Cavour ----- 6 hits, 7 total
 Gulio Cesare ----- 6 hits, 6 total
 Leonardo Di Vinci ----- 1 hit, 1 total
 Tegetthoff ----- 13 hits, 17 total
 Tegetthoff medium damage
 Prinz Eugen ----- 2 hits, 2 total

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 Turn 4 08:40 Hrs Real Time 07:58:02 AM 06/23/2020
 Visibility 20,779 yards (42 inches), improving

REPORTS for Italian Fleet

Gulio Cesare fire control damage
 Prinz Eugen primary guns damaged
 Tegetthoff maximum speed reduced by flooding
 Tegetthoff maximum speed reduced by flooding
 Caio Duilio maximum speed reduced by flooding
 Apparent wind on Andrea Doria from E at 30 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1	Derfflinger -----	15,562	3		Andrea Doria/Downwind
Caio Duilio ----->	1	Bretagne -----	10,433		2	
Conte di Cavour ----->	1	Bretagne -----	15,402	5	2	
Gulio Cesare ----->	2	Bretagne -----	15,377	5		Bretagne class
Leonardo Di Vinci ----->	1	Normandie -----	16,363	3		
Dante Alighieri ----->	2	Bretagne -----	16,392	3		Leonardo Di Vinci/1ptsS
Tegetthoff ----->	1	Courbet -----	6,724		2	
Prinz Eugen ----->	1	Courbet -----	6,989		2	
Viribus Unitis ----->	3	Courbet -----	6,861			Courbet class

second ship in enemy unit, Derfflinger class not under fire
 second ship in enemy unit, Courbet class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
F-esc1 -----	Andrea Doria -----	36N 54E	090	20 20 19.4 21 17
F-esc2 -----	Conte di Cavour -----	36N 70E	090	20 20 19.4 21 21
F-esc3 -----	Leonardo Di Vinci -----	36N 86E	090	20 20 19.4 21 21
F-esc4 -----	Tegetthoff -----	36N 101E	090	15 17 18.4 15 15

HITS

	Heavy caliber	Medium caliber
1 Bretagne class -----	6 hits, 13 total	
1 Courbet class -----	4 hits, 6 total	
3 Courbet class -----	20 hits, 29 total	
Caio Duilio -----	5 hits, 14 total	
Conte di Cavour -----	3 hits, 10 total	
Gulio Cesare -----	4 hits, 10 total	
Gulio Cesare medium damage		
Leonardo Di Vinci -----	1 hit, 2 total	
Tegetthoff -----	8 hits, 25 total	
Tegetthoff heavy damage		
Prinz Eugen -----	9 hits, 11 total	
Prinz Eugen medium damage		

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 Turn 5 08:45 Hrs Real Time 08:00:57 AM 06/23/2020
 Visibility 20,779 yards (42 inches), improving

REPORTS for Italian Fleet

Caio Duilio primary guns damaged
 Prinz Eugen primary magazine fire, BLOWN UP
 Caio Duilio maximum speed reduced by flooding
 Prinz Eugen BLOWN UP, position 36N 102E
 Tegetthoff primary guns damaged
 Tegetthoff maximum speed reduced by flooding
 Tegetthoff maximum speed reduced by flooding
 Caio Duilio primary guns damaged

Caio Duilio maximum speed reduced by flooding
Apparent wind on Andrea Doria from E at 30 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1	Derfflinger -----	15,775	3		
Caio Duilio ----->	1	Bretagne -----	10,018		2	
Conte di Cavour ----->	1	Bretagne -----	15,140	5	2	
Gulio Cesare ----->	2	Bretagne -----	15,188	5		Bretagne class
Leonardo Di Vinci ----->	1	Normandie -----	16,860	3		
Dante Alighieri ----->	2	Bretagne -----	16,889	3		Leonardo Di Vinci/lptsS
Tegetthoff ----->	1	Courbet -----	6,645			
Viribus Unitis ----->	3	Courbet -----	6,502			Courbet class

second ship in enemy unit, Derfflinger class not under fire
second ship in enemy unit, Courbet class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
F-esc1 -----	Andrea Doria -----	36N 61E	090	20 20 20.0 21 16
F-esc2 -----	Conte di Cavour -----	36N 77E	090	20 20 20.0 21 21
F-esc3 -----	Leonardo Di Vinci -----	36N 93E	090	20 20 20.0 21 21
F-esc4 -----	Tegetthoff -----	36N 106E	090	12 13 14.6 12 12

HITS

	Heavy caliber	Medium caliber
1 Bretagne class -----	5 hits, 18 total	
1 Courbet class -----	2 hits, 8 total	
3 Courbet class -----	20 hits, 49 total	
Andrea Doria -----	1 hit, 7 total	
Caio Duilio -----	8 hits, 22 total	
Caio Duilio heavy damage		
Conte di Cavour -----	3 hits, 13 total	
Conte di Cavour medium damage		
Gulio Cesare -----	1 hit, 11 total	
Tegetthoff -----	12 hits, 37 total	

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Turn 6 08:50 Hrs Real Time 08:05:45 AM 06/23/2020
Visibility 20,779 yards (42 inches), improving

REPORTS for Italian Fleet

Tegetthoff SINKS, position 27N 84E
Enemy Courbet class SINKS
Caio Duilio maximum speed reduced by flooding
Apparent wind on Andrea Doria from E at 30 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1	Derfflinger -----	16,214	3		
Caio Duilio ----->	1	Bretagne -----	9,492		2	
Conte di Cavour ----->	1	Bretagne -----	14,826	5	2	
Gulio Cesare ----->	2	Bretagne -----	14,872	5		Bretagne class
Leonardo Di Vinci ----->	1	Normandie -----	17,065	3		
Dante Alighieri ----->	2	Bretagne -----	17,065	3		Leonardo Di Vinci/lptsS
Viribus Unitis ----->	1	Courbet -----	6,697	6		

second ship in enemy unit, Derfflinger class not under fire
second ship in enemy unit, Courbet class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
F-esc1 -----	Andrea Doria -----	27N 45E	090	20 20 20.0 21 15
F-esc2 -----	Conte di Cavour -----	27N 61E	090	20 20 20.0 21 21
F-esc3 -----	Leonardo Di Vinci -----	27N 77E	090	20 20 20.0 21 21
F-esc4 -----	Viribus Unitis -----	27N 87E	090	12 12 12.0 20 20

HITS

	Heavy caliber	Medium caliber
1 Derfflinger class -----	1 hit, 3 total	
2 Bretagne class -----	1 hit, 1 total	
1 Courbet class -----	1 hit, 9 total	
Andrea Doria -----	1 hit, 8 total	
Caio Duilio -----	7 hits, 29 total	

Conte di Cavour ----- 6 hits, 19 total
Leonardo Di Vinci ----- 1 hit, 3 total

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Turn 7 08:55 Hrs Real Time 08:09:13 AM 06/23/2020
Visibility 20,779 yards (42 inches), improving

REPORTS for Italian Fleet

Dante Alighieri engine disabled
Caio Duilio maximum speed reduced by flooding
Conte di Cavour maximum speed reduced by flooding
Conte di Cavour primary guns damaged
Apparent wind on Andrea Doria from E at 30 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1	Derfflinger -----	15,980	5		
Caio Duilio ----->	1	Bretagne -----	8,973		3	
Conte di Cavour ----->	1	Bretagne -----	14,529	5	3	
Gulio Cesare ----->	1	Bretagne -----	14,121	5	3	
Leonardo Di Vinci ----->	1	Normandie -----	17,095	3	2	
Dante Alighieri ----->	1	Normandie -----	16,655	3	2	Leonardo Di Vinci/1ptsS
Viribus Unitis ----->	1	Courbet -----	7,543			
second ship in enemy unit, Derfflinger class not under fire						
second ship in enemy unit, Bretagne class not under fire						
second ship in enemy unit, Bretagne class not under fire						
second ship in enemy unit, Courbet class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
F-esc1 -----	Andrea Doria -----	27N 45E	090	20 20 20.0 21 12
F-esc2 -----	Conte di Cavour -----	27N 61E	090	20 20 20.0 17 17
F-esc3 -----	Leonardo Di Vinci -----	27N 77E	090	20 20 20.0 21 21
F-esc4 -----	Viribus Unitis -----	30N 83E	045	20 15 13.4 20 20

HITS

	Heavy caliber	Medium caliber
1 Derfflinger class -----	1 hit, 4 total	
1 Bretagne class -----	1 hit, 19 total	
1 Normandie class -----	1 hit, 13 total	
1 Courbet class -----	11 hits, 20 total	
Andrea Doria -----	2 hits, 10 total	
Caio Duilio -----	10 hits, 39 total	
Conte di Cavour -----	5 hits, 24 total	
Conte di Cavour heavy damage		
Gulio Cesare -----	1 hit, 12 total	
Leonardo Di Vinci -----	1 hit, 4 total	
Dante Alighieri -----	1 hit, 1 total	

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Turn 8 08:60 Hrs Real Time 08:13:25 AM 06/23/2020
Visibility 20,779 yards (42 inches), improving

REPORTS for Italian Fleet

Caio Duilio recommends reducing speed to limit flooding
Caio Duilio maximum speed reduced by flooding
Conte di Cavour maximum speed reduced by flooding
Caio Duilio primary guns damaged
Caio Duilio SINKS, position 27N 41E
Apparent wind on Andrea Doria from E at 30 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Andrea Doria ----->	1	Derfflinger -----	15,224	5		
Conte di Cavour ----->	2	Bretagne -----	14,430	5		Bretagne class
Gulio Cesare ----->	1	Bretagne -----	13,556	5		
Leonardo Di Vinci ----->	2	Courbet -----	9,639	5		Courbet class
Dante Alighieri ----->	1	Normandie -----	16,888	3		Leonardo Di Vinci/2ptsS/Downwind
Viribus Unitis ----->	1	Courbet -----	7,916			
second ship in enemy unit, Derfflinger class not under fire						
second ship in enemy unit, Bretagne class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
F-esc1	----- Andrea Doria -----	27N 45E	090	20	20	20.0	21	21
F-esc2	----- Conte di Cavour -----	27N 60E	090	16	16	17.2	16	16
F-esc3	----- Leonardo Di Vinci -----	30N 76E	060	20	19	19.2	21	21
F-esc4	----- Viribus Unitis -----	34N 80E	045	20	17	16.6	20	20

HITS

	Heavy caliber	Medium caliber
1 Courbet class -----	11 hits, 31 total	
Andrea Doria -----	1 hit, 11 total	
Conte di Cavour -----	6 hits, 30 total	
Gulio Cesare -----	4 hits, 16 total	
Leonardo Di Vinci -----	1 hit, 5 total	
Viribus Unitis -----	3 hits, 3 total	