

Scenario: Goeben Ambush Troubridge, British Mediterranean Fleet

Initial conditions

Wind E at 2 knots

Visibility 6,000-8,000 yards (12-16 inches), improving, best toward SW

Unit	Position (inches)	Course	Speed (ord/max/unit)	Ammunition (rpg) (AP / Other)
1stCS in formation line ahead				
lead ship Defence (F) -----	36N 60E	200	20 24 24	45 / 105
LC1 ----- Gloucester -----	32N 62E	200	20 25 25	200 / 0
9Flot ----- 1-2Div 9Flot (8) -----	39N 48E	200	10 24	

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Turn 1               06:05 Hrs       Real Time 08:20:29 AM 06/30/2021

Visibility 7,000-9,100 yards (14-18 inches), improving, best toward SW

REPORTS for Troubridge

Sighted Moltke class BC ----- 32N 32E, Crs 120, Spd 10 from 1-2Div 9Flot

Apparent wind on Defence from SSW at 20 knots (ahead)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS ----- Defence -----		30N 58E	200	20 20 20.0 24 24
LC1 ----- Gloucester -----		26N 59E	200	20 20 20.0 25 25
9Flot ----- 1-2Div 9Flot(8) -----		36N 47E	200	10 10 10.0 24 --

HITS                                 Heavy caliber         Medium caliber

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Turn 2               06:10 Hrs       Real Time 08:20:33 AM 06/30/2021

Visibility 8,100-10,200 yards (16-20 inches), improving, best toward SW

REPORTS for Troubridge

1-2Div 9Flot launches torpedoes and turns to NE

1-2Div 9Flot turns away to NE due to heavy shells

Apparent wind on Defence from SSW at 22 knots (ahead)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS ----- Defence -----		23N 55E	200	23 22 21.0 24 24
LC1 ----- Gloucester -----		20N 57E	200	21 21 20.6 25 25
9Flot ----- 1-2Div 9Flot reform -----		38N 50E	041	23 16 12.6 24 --

HITS Heavy caliber Medium caliber

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Turn 3 06:15 Hrs Real Time 08:20:39 AM 06/30/2021  
Visibility 9,200-11,100 yards (18-22 inches), improving, best toward SW

REPORTS for Troubridge  
Defence W/T inoperable  
Apparent wind on Defence from SW at 21 knots (ahead)  
Enemy battleline course 216, speed 20 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Defence ----->	Moltke	-----	4,558		6	
Black Prince ----->	Moltke	-----	4,707	4	8	
Duke Of Edinburgh ----->	Moltke	-----	4,902	4	6	
Warrior ----->	Moltke	-----	5,139	4	7	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Defence -----	18N 50E	225	23 22 21.4 24 24
LC1 -----	Gloucester -----	15N 52E	227	23 22 21.6 25 25
9Flot -----	1-2Div 9Flot reform -----	35N 49E	220	24 17 16.6 24 --

HITS Heavy caliber Medium caliber  
Defence ----- 2 hits, 2 total  
Moltke class ----- 0 hit, 0 total 6 hits, 6 total

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Turn 4 06:20 Hrs Real Time 08:20:45 AM 06/30/2021  
Visibility 10,300-12,200 yards (21-24 inches), improving, best toward SW

REPORTS for Troubridge  
Defence primary guns damaged  
Apparent wind on Defence from SW at 22 knots (ahead)  
Enemy battleline course 216, speed 19 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Defence ----->	Moltke	-----	3,960		7	
Black Prince ----->	Moltke	-----	4,068	4	7	
Duke Of Edinburgh ----->	Moltke	-----	4,233	4	6	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS	Defence	13N 45E	225	23 23 22.4 24 24
LC1	Gloucester	09N 45E	225	23 22 22.0 25 25
9Flot	1-2Div 9Flot reform	30N 45E	221	24 22 20.8 24 --

HITS

	Heavy caliber	Medium caliber
Defence	10 hits, 12 total	
Defence medium damage		
Moltke class	0 hit, 0 total	22 hits, 28 total

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 Turn 5                    06:25 Hrs            Real Time 08:20:52 AM 06/30/2021  
 Visibility 11,200-13,100 yards (22-26 inches), improving, best toward SW

REPORTS for Troubridge

Defence maximum speed reduced by flooding  
 Defence secondary magazine lost  
 Defence maximum speed reduced by flooding  
 Apparent wind on Defence from SW at 19 knots (ahead)  
 Enemy battleline course 241, speed 23 knots

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Defence	-> Moltke	4,428		7	
Black Prince	-> Moltke	4,520	4	5	
Duke Of Edinburgh	-> Moltke	4,664	4	6	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS	Defence	08N 40E	225	19 20 21.8 18 18
LC1	Gloucester	04N 40E	225	21 21 21.8 25 25
9Flot	1-2Div 9Flot(8)	24N 40E	214	24 23 22.4 24 --

HITS

	Heavy caliber	Medium caliber
Defence	6 hits, 18 total	
Defence heavy damage		
Moltke class	0 hit, 0 total	20 hits, 48 total

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 Turn 6                    06:30 Hrs            Real Time 08:23:12 AM 06/30/2021  
 Visibility 12,100-14,200 yards (24-28 inches), improving, best toward SW

REPORTS for Troubridge

Defence maximum speed reduced by flooding  
Defence recommends reducing speed to limit flooding  
Defence SINKS, position 4N 36E

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Defence ----->	Moltke	-----	5,520		8	
Duke Of Edinburgh ----->	Moltke	-----	5,803	4	7	
Warrior ----->	Moltke	-----	6,002	4	6	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Defence -----	04N 36E	225	15 16 17.4 00 --
LC1 -----	Gloucester -----	-01N 36E	225	17 17 17.8 25 25
9Flot -----	1-2Div 9Flot(8) -----	17N 37E	206	24 24 23.4 24 --

HITS

	Heavy caliber	Medium caliber
Moltke class -----	0 hit, 0 total	12 hits, 60 total

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Turn 7                   06:35 Hrs       Real Time 08:23:18 AM 06/30/2021  
Visibility 13,000-15,200 yards (26-30 inches), improving, best toward SW

REPORTS for Troubridge

Gloucester shifts station guide to Black Prince

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince ----->	Moltke	-----	9,345	4	4	
Duke Of Edinburgh ----->	Moltke	-----	9,025	4	4	
Warrior ----->	Moltke	-----	8,722	4	5	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Black Prince -----	-01N 37E	169	23 17 15.6 24 24
LC1 -----	Gloucester -----	-03N 41E	169	16 15 16.2 25 25
9Flot -----	1-2Div 9Flot(8) -----	16N 29E	264	24 21 21.2 24 --

HITS

	Heavy caliber	Medium caliber
Moltke class -----	0 hit, 0 total	4 hits, 64 total

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Turn 8                   06:40 Hrs       Real Time 08:23:24 AM 06/30/2021  
Visibility 14,100-16,200 yards (28-32 inches), improving, best toward SW

REPORTS for Troubridge

Apparent wind on Black Prince from SW at 17 knots (ahead)  
Enemy battleline course 180, speed 15 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince ----->	Moltke	-----	8,218	4	5	
Duke Of Edinburgh ----->	Moltke	-----	8,410	4	4	
Warrior ----->	Moltke	-----	8,628	4	4	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Black Prince -----	-05N 33E	233	23 18 16.8 24 24
LC1 -----	Gloucester -----	-07N 36E	234	21 21 17.8 25 25
9Flot -----	1-2Div 9Flot(8) -----	10N 29E	183	24 21 18.8 24 --

HITS

	Heavy caliber	Medium caliber
Moltke class -----	0 hit, 0 total	1 hit, 65 total

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Turn 9                   06:45 Hrs       Real Time 08:23:30 AM 06/30/2021  
Visibility 15,200-17,100 yards (30-34 inches), improving, best toward SW

REPORTS for Troubridge

Apparent wind on Black Prince from WSW at 19 knots (ahead)  
Enemy battleline course 197, speed 18 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince ----->	Moltke	-----	4,488	4	5	
Duke Of Edinburgh ----->	Moltke	-----	4,793	4	5	
Warrior ----->	Moltke	-----	5,129	4	6	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Black Prince -----	-07N 26E	251	23 21 20.2 24 24
LC1 -----	Gloucester -----	-09N 29E	251	22 22 21.8 25 25
9Flot -----	1-2Div 9Flot(7) -----	03N 29E	200	24 22 21.6 24 --

HITS Heavy caliber Medium caliber  
 Black Prince ----- 2 hits, 2 total  
 1-2Div 9Flot (8) medium damage  
 Moltke class ----- 0 hit, 0 total 8 hits, 73 total

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 Turn 10 06:50 Hrs Real Time 08:23:36 AM 06/30/2021  
 Visibility 16,100-18,100 yards (32-36 inches), improving, best toward SW

REPORTS for Troubridge

Duke Of Edinburgh avoiding torpedoes (toward)  
 Warrior avoiding torpedoes (toward)  
 Black Prince avoiding torpedoes (toward)  
 Apparent wind on Black Prince from WSW at 14 knots (ahead)  
 Enemy battleline course 212, speed 19 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince ----->	Moltke	-----	1,679	1	4	
Duke Of Edinburgh ----->	Moltke	-----	2,161	1	4	
Warrior ----->	Moltke	-----	2,650	1	4	Black Prince

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Black Prince -----	-07N 21E	251	23 16 19.2 24 24
LC1 -----	Gloucester -----	-12N 22E	251	25 23 22.6 25 25
9Flot -----	1-2Div 9Flot(7) -----	00N 23E	244	24 21 20.0 24 --

HITS Heavy caliber Medium caliber  
 Black Prince ----- 5 hits, 7 total  
 Black Prince medium damage  
 Moltke class ----- 0 hit, 0 total 15 hits, 88 total

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 Turn 11 06:55 Hrs Real Time 08:25:32 AM 06/30/2021  
 Visibility 17,100-19,200 yards (34-38 inches), improving, best toward SW

REPORTS for Troubridge

Black Prince primary guns damaged  
 Black Prince maximum speed reduced by flooding  
 Apparent wind on Black Prince from N at 14 knots (ahead)  
 Enemy battleline course 212, speed 17 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince	----->	Moltke	4,832	2	6	Moltke class
Duke Of Edinburgh	----->	Moltke	4,480	4	5	Black Prince/2ptsP
Warrior	----->	Moltke	4,158	4	6	Duke Of Edinburgh/2ptsP

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS	----- Black Prince	----- -02N 19E	343	19 15 14.2 19 19
LC1	----- Gloucester	----- -06N 20E	341	21 19 17.0 25 25
9Flot	----- 1-2Div 9Flot(7)	----- 00N 16E	263	24 21 20.0 24 --

HITS

	Heavy caliber	Medium caliber
Black Prince	----- 6 hits, 13 total	
Moltke class	----- 0 hit, 0 total	16 hits, 104 total

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 Turn 12                    06:60 Hrs            Real Time 08:25:38 AM 06/30/2021  
 Visibility 18,000-20,200 yards (36-40 inches), improving, best toward SW

REPORTS for Troubridge

Apparent wind on Black Prince from ESE at 16 knots (ahead)  
 Enemy battleline course 212, speed 13 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince	----->	Moltke	8,219	4	5	
Duke Of Edinburgh	----->	Moltke	8,090	4	6	Moltke class
Warrior	----->	Moltke	7,990	4	4	Moltke class

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS	----- Black Prince	----- -03N 23E	108	18 14 13.2 19 19
LC1	----- Gloucester	----- -04N 25E	071	19 19 17.2 25 25
9Flot	----- 1-2Div 9Flot(7)	----- -03N 20E	112	24 19 17.0 24 --

HITS

	Heavy caliber	Medium caliber
Moltke class	----- 0 hit, 0 total	2 hits, 106 total

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 Turn 13                    07:05 Hrs            Real Time 08:25:44 AM 06/30/2021  
 Visibility 19,100-21,200 yards (38-42 inches), improving, best toward SW

REPORTS for Troubridge

Apparent wind on Black Prince from SSE at 17 knots (ahead)  
Enemy battleline course 212, speed 8 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince ----->	Moltke -----		8,860	4	6	
Warrior ----->	Moltke -----		9,319	4	5	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Black Prince -----	-07N 25E	162	18 16 14.6 19 19
LC1 -----	Gloucester -----	-09N 28E	162	15 15 14.4 25 25
9Flot -----	1-2Div 9Flot(7) -----	-01N 24E	109	24 21 20.6 24 --

HITS

	Heavy caliber	Medium caliber
Moltke class -----	0 hit, 0 total	1 hit, 107 total

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Turn 14                    07:10 Hrs            Real Time 08:25:50 AM 06/30/2021  
Visibility 20,100-22,200 yards (40-44 inches), improving, best toward SW

REPORTS for Troubridge

Apparent wind on Black Prince from SSE at 19 knots (ahead)  
Enemy battleline course 212, speed 5 knots

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince ----->	Moltke -----		8,826	4	6	
Duke Of Edinburgh ----->	Moltke -----		8,916	4	4	
Warrior ----->	Moltke -----		9,032	4	4	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Black Prince -----	-13N 26E	162	18 18 17.8 19 19
LC1 -----	Gloucester -----	-15N 30E	162	18 18 17.4 25 25
9Flot -----	1-2Div 9Flot(7) -----	-07N 26E	159	24 20 17.6 24 --

HITS

	Heavy caliber	Medium caliber
Moltke class -----	0 hit, 0 total	1 hit, 108 total

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Turn 15                    07:15 Hrs            Real Time 08:25:56 AM 06/30/2021



Visibility 21,000-23,200 yards (42-46 inches), improving, best toward SW

REPORTS for Troubridge

Enemy Moltke class SINKS

Apparent wind on Black Prince from S at 18 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Black Prince ----->	Moltke	-----	8,399	4	5	
Duke Of Edinburgh ----->	Moltke	-----	8,573	4	5	
Warrior ----->	Moltke	-----	8,772	4	5	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stCS -----	Black Prince -----	-19N 26E	187	18 18 18.0 19 19
LC1 -----	Gloucester -----	-22N 28E	187	18 18 19.2 25 25
9Flot -----	1-2Div 9Flot(7) -----	-14N 26E	181	24 21 20.6 24 --

HITS

Heavy caliber      Medium caliber