

Bight 1916 Battlecruiser Fleet

Initial conditions

Wind WSW at 3 knots

Visibility 10,000-12,000 yards, improving, best toward NE

Unit	Pos (in.)	Crs	Spd(ord/max/unit max)		
1stBCS in formation Line Ahead					
flagship Lion -----	60N 12E	090	18	28	28
2ndBCS in formation Line Ahead					
flagship Australia -----	64N 16E	090	18	26	26
3rdBCS in formation Line Ahead					
flagship Invincible -----	24N 0E	090	18	25	25
1stLCS in formation Screen pairs					
flagship Bristol -----	28N 12E	090	18	26	26
screen Liverpool -----	20N 12E	090	18	26	
2ndCS in formation Screen 45 Stbd					
flagship Galatea -----	60N 36E	090	18	28	28
screen Inconstant -----	54N 30E	090	18	28	
screen Phaeton -----	66N 42E	090	18	28	
screen Royalist -----	49N 25E	090	18	28	
1stFlot ----- 1st Flotilla (10) -----	60N 16E	090	18	30	30
2ndFlot ----- 2nd Flotilla (10) -----	64N 20E	090	18	30	30

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 Turn 1 (5 min) Real Time 01:13:59 PM Visibility 10,500-12,500 yards, improving, best NE

Liverpool reports smoke bearing SSE
 Liverpool reports smoke bearing ESE
 Bristol reports smoke bearing ESE
 Liverpool reports smoke bearing E
 Liverpool reports smoke bearing SSE
 Visible to opposing side:
 3rdBCS ----- Invincible
 3rdBCS ----- Indomitable
 3rdBCS ----- Inflexible

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	60N 18E	090	18	18	18.0	28	28
2ndBCS -----	Australia -----	64N 22E	090	18	18	18.0	26	26
3rdBCS -----	Invincible -----	24N 07E	090	20	20	19.8	25	25
1stLCS -----	Bristol -----	28N 19E	090	20	20	20.0	26	26
	1392 yds Liverpool -----	25N 17E	048	20	22	20.4	26	--
	1392 yds Newcastle -----	25N 16E	048	20	22	20.4	26	--
2ndCS -----	Galatea -----	60N 42E	090	18	18	18.0	28	28
	screen Inconstant -----	54N 36E	090	18	18	18.0	28	--
	screen Phaeton -----	66N 48E	090	18	18	18.0	28	--
	screen Royalist -----	49N 31E	090	18	18	18.0	28	--
1stFlot -----	1st Flotilla (10)(10) -----	60N 22E	090	18	18	18.0	30	30
2ndFlot -----	2nd Flotilla (10)(10) -----	64N 26E	090	18	18	18.0	30	30
Hits				Heavy caliber		Medium caliber		

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 Turn 2 (10 min) Real Time 01:28:44 PM Visibility 11,100-13,100 yards, improving, best NE

Inconstant reports smoke bearing SE
 Royalist reports smoke bearing SE
 Invincible reports smoke bearing SSE
 Inconstant reports smoke bearing SE
 Sighted 5 destroyers ----- 22N 33E, Crs 090, Spd 10 from Bristol

Sighted 4 destroyers ----- 09N 17E, Crs 030, Spd 10 from Newcastle

Visible to opposing side:

- 1stLCS ----- Bristol
- 1stLCS ----- Glasgow
- 1stLCS ----- Liverpool
- 1stLCS ----- Newcastle

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
Invincible ----->	S53 Torpedoboat	6,295	4	
Indomitable ----->	S53 Torpedoboat	6,741	4	
Inflexible target obscured by ship				
Bristol ----->	S53 Torpedoboat	5,522	1	
Glasgow ----->	S53 Torpedoboat	5,791	1	
Liverpool ----->	S53 Torpedoboat	6,088	1	
Newcastle ----->	S53 Torpedoboat	6,411	1	

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	60N 25E	090	24 23 21.0 28 28
2ndBCS -----	Australia -----	64N 29E	090	24 22 20.8 26 26
3rdBCS -----	Invincible -----	21N 12E	120	20 20 20.0 25 25
1stLCS -----	Bristol -----	25N 24E	120	20 20 20.0 26 26
2ndCS -----	Galatea -----	60N 50E	090	24 24 22.8 28 28
screen	Inconstant -----	54N 44E	090	24 24 22.8 28 --
screen	Phaeton -----	66N 55E	090	24 24 22.8 28 --
screen	Royalist -----	49N 38E	090	24 24 22.8 28 --
1stFlot -----	1st Flotilla (10)(10) -----	60N 28E	090	18 18 18.0 30 30
2ndFlot -----	2nd Flotilla (10)(10) -----	64N 32E	090	18 18 18.0 30 30
Hits		Heavy caliber	Medium caliber	

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Turn 3 (15 min) Real Time 01:52:00 PM Visibility 11,500-13,600 yards, improving, best NE

Newcastle reports smoke bearing ESE

Galatea reports smoke bearing SE

Sighted Von Der Tann class BC ----- 10N 50E, Crs 030, Spd 15 from Bristol

Sighted Blucher class AC ----- 09N 50E, Crs 030, Spd 15 from Bristol

Sighted 3 funneled cruiser ----- 08N 27E, Crs 030, Spd 20 from Glasgow

another ----- 13N 37E, Crs 069, Spd 15

Sighted 3 funneled cruiser ----- 04N 19E, Crs 031, Spd 25 from Invincible

Sighted 4 destroyers ----- 40N 55E, Crs 330, Spd 15 from Inconstant

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
Invincible ----->	S53 Torpedoboat	5,049	2	
Indomitable ----->	S53 Torpedoboat	5,533	2	
Inflexible target obscured by H-Flot VI (5)				
Bristol target obscured by ship				
Glasgow ----->	Frankfurt	5,767	1	
Liverpool target obscured by ship				
Newcastle ----->	Frankfurt	5,924	1	
Inconstant target obscured by ship				
Royalist target obscured by ship				

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	60N 33E	090	24 24 24.0 28 28
2ndBCS -----	Australia -----	64N 37E	090	24 24 23.4 26 26
3rdBCS -----	Invincible -----	17N 18E	120	20 20 20.0 25 25
1stLCS -----	Bristol -----	21N 30E	120	20 20 20.0 26 26
2ndCS -----	Galatea -----	60N 58E	090	24 24 24.0 28 28
screen	Inconstant -----	54N 52E	090	24 24 24.0 28 --

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screen Phaeton ----- 66N 63E      090      24  24  24.0 28  --
screen Royalist ----- 49N 46E      090      24  24  24.0 28  --
1stFlot ----- 1st Flotilla (10)(10) ---- 57N 36E      090      24  23  21.2 30  30
2ndFlot ----- 2nd Flotilla (10)(10) ---- 61N 40E      090      24  24  21.2 30  30
Hits Heavy caliber Medium caliber
S53 Torpedoboat class ----- 2 hits, 2 total

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Turn 4 (20 min) Real Time 02:14:24 PM Visibility 12,100-14,100 yards, improving, best
NE

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Royalist avoiding torpedoes (toward)
Royalist reports smoke bearing SE
Sighted 4 funneled cruiser ----- 35N 55E, Crs 071, Spd 25 from Royalist
Visible to opposing side:
1stBCS ----- Lion
1stBCS ----- Princess Royal
1stBCS ----- Queen Mary
1stBCS ----- Tiger
2ndBCS ----- Australia
2ndBCS ----- New Zealand
2ndBCS ----- Indefatigable
2ndCS ----- Inconstant
2ndCS ----- Royalist
1stFlot ----- 1st Flotilla (10)
2ndFlot ----- 2nd Flotilla (10)

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Firing Ship Target ship or class Range yds Arc Obstruction
Invincible target obscured by ship making smoke (near)
Indomitable target obscured by ship making smoke (near)
Inflexible target obscured by ship making smoke (near)
Bristol -----> S53 Torpedoboat 4,411
Glasgow target obscured by ship making smoke (near)
Liverpool target obscured by ship making smoke (near)
Newcastle target obscured by ship making smoke (near)
Inconstant -----> V25 Torpedoboat 4,466
Royalist target obscured by ship making smoke (near)

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Unit Lead, screen, out of form. Pos (in.) Crs Spd(ord/cur/avg /max/unit)
1stBCS ----- Lion ----- 60N 41E 090 24 24 24.0 28 28
2ndBCS ----- Australia ----- 64N 45E 090 24 24 24.0 26 26
3rdBCS ----- Invincible ----- 22N 23E 045 23 18 17.4 25 25
1stLCS ----- Bristol ----- 26N 34E 040 20 20 18.8 26 26
2ndCS ----- Galatea ----- 60N 66E 090 24 24 24.0 28 28
screen Inconstant ----- 54N 60E 090 24 24 24.0 28 --
screen Phaeton ----- 66N 71E 090 24 24 24.0 28 --
screen Royalist ----- 49N 54E 090 24 23 21.2 28 --
1stFlot ----- 1st Flotilla (10)(10) ---- 57N 44E 090 24 24 24.0 30 30
2ndFlot ----- 2nd Flotilla (10)(10) ---- 61N 48E 090 24 24 24.0 30 30
Hits Heavy caliber Medium caliber
3 Ebling class ----- 1 hit, 1 total

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Turn 5 (25 min) Real Time 02:37:34 PM Visibility 12,500-14,600 yards, improving, best
NE

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Sighted Moltke class BC ----- 27N 65E, Crs 300, Spd 25 from Bristol
another ----- 26N 66E, Crs 299, Spd 25
Sighted 4 destroyers ----- 55N 84E, Crs 000, Spd 25 from Galatea

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Firing Ship Target ship or class Range yds Arc Obstruction

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Bristol target obscured by H-Flot VI (5)
 Liverpool target obscured by H-Flot VI (5)
 Inconstant -----> V25 Torpedoboat
 Royalist target obscured by H-Flot VI (5)
 Phaeton avoiding torpedoes (away)

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Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	66N 47E	045	24 24 22.8 28 28
2ndBCS	Australia	69N 50E	045	24 23 22.4 26 26
3rdBCS	Invincible	27N 27E	045	25 22 20.6 25 25
1stLCS	Bristol	32N 40E	045	25 23 22.6 26 26
2ndCS	Galatea	66N 71E	045	24 24 23.2 28 28
	3360 yds Inconstant	60N 66E	045	24 25 23.6 28 --
	indep. Phaeton	64N 68E	323	24 15 17.2 28 --
	6286 yds Royalist	55N 60E	045	24 25 23.8 28 --
1stFlot	1st Flotilla (10)(10)	64N 49E	043	30 26 23.6 30 30
2ndFlot	2nd Flotilla (10)(10)	68N 52E	043	30 26 23.6 30 30
Hits		Heavy caliber		Medium caliber

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 Turn 6 (30 min) Real Time 02:59:00 PM Visibility 13,000-15,200 yards, improving, best NE

Sighted 3 funneled cruiser ----- 14N 59E, Crs 000, Spd 25 from Bristol
 Visible to opposing side:
 2ndCS ----- Galatea
 2ndCS ----- Phaeton

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
Bristol	Frankfurt	4,443		
Liverpool	Frankfurt	4,622		
Newcastle	under fire			
Galatea	target obscured by Von der Tann			
Inconstant	-----> V25 Torpedoboat	5,953	1	
Phaeton	-----> V25 Torpedoboat	6,129	1	
Royalist	under fire			

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	41N 51E	135	26 19 18.8 28 28
2ndBCS	Australia	45N 55E	135	26 18 17.8 26 26
3rdBCS	Invincible	12N 33E	045	25 23 22.6 25 25
1stLCS	Bristol	17N 45E	045	25 25 24.2 26 26
2ndCS	Galatea	40N 76E	135	28 22 20.0 28 28
	1009 yds Inconstant	40N 74E	100	24 25 24.6 28 --
	1320 yds Phaeton	43N 72E	121	24 17 14.6 28 --
	4484 yds Royalist	36N 68E	085	24 25 24.6 28 --
1stFlot	1st Flotilla (10)(10)	37N 51E	135	18 17 18.2 30 30
2ndFlot	2nd Flotilla (10)(10)	41N 55E	135	17 16 17.6 30 30
Hits		Heavy caliber		Medium caliber
Bristol		3 hits, 3 total		
Bristol		heavy damage		

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 Turn 7 (35 min) Real Time 03:20:54 PM Visibility 13,400-15,800 yards, improving, best NE

Bristol maximum speed reduced by flooding
 2nd Flotilla (10) launches torpedoes and turns to north
 1st Flotilla (10) launches torpedoes and turns to northwest
 Sighted 4 funneled cruiser ----- 23N 80E, Crs 000, Spd 25 from Galatea

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
Lion	target obscured by ship			
Princess Royal	target obscured by ship			
Queen Mary	target obscured by ship			
Tiger	target obscured by ship			
Australia	target obscured by ship			
New Zealand	target obscured by ship			
Indefatigable	target obscured by ship			
Invincible	target obscured by Wiesbaden			
Indomitable	target obscured by Wiesbaden			
Inflexible	target obscured by Von der Tann			
Bristol	target obscured by ship making smoke (near)			
Liverpool	-----> Frankfurt	4,629	1	enemy making smoke
downwind				
Newcastle	target obscured by ship making smoke (near)			
Galatea	target obscured by ship			
Inconstant	target obscured by ship			
Phaeton	target obscured by ship			
1st Flotilla (10)	target obscured by ship			

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS	----- Lion -----	36N 47E	225	26	17	16.4	28	28
2ndBCS	----- Australia -----	41N 51E	225	26	16	15.4	26	26
3rdBCS	----- Invincible -----	19N 35E	020	25	24	23.6	25	25
1stLCS	----- Bristol -----	20N 40E	300	17	15	14.4	17	17
2ndCS	----- Galatea -----	39N 71E	270	28	21	19.2	28	28
	323 yds Royalist -----	39N 73E	107	24	20	20.4	28	--
1stFlot	----- 1st Flotilla (10)(10) -----	36N 47E	314	30	13	16.0	30	30
2ndFlot	----- 2nd Flotilla (10)(10) -----	43N 52E	255	30	18	16.0	30	30
Hits		Heavy caliber	Medium caliber					
Bristol	-----	1 hit, 4 total						

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Turn 8 (40 min) Real Time 03:51:32 PM Visibility 13,900-16,200 yards, improving, best
NE

Bristol engine disabled
Bristol reports smoke bearing SE
Royalist reports smoke bearing SSE

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
Lion	target obscured by Lion			
Princess Royal	target obscured by ship			
Queen Mary	target obscured by ship			
Tiger	target obscured by ship			
Australia	target obscured by ship			
New Zealand	target obscured by ship			
Indefatigable	target obscured by ship			
Invincible	target obscured by ship			
Indomitable	target obscured by ship			
Inflexible	target obscured by ship			
Bristol	target obscured by ship			
Glasgow	target obscured by ship			
Liverpool	target obscured by ship			
Galatea	-----> Breslau	4,662		
Inconstant	-----> V25 Torpedoboat	4,077	1	
Phaeton	target obscured by ship			
Royalist	-----> Breslau	5,895		
1st Flotilla (10)	target obscured by ship			
2nd Flotilla (10)	target obscured by ship			

Glasgow avoiding torpedoes (toward)

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS	Lion	32N 43E	225	20	20	19.4	28	28
2ndBCS	Australia	36N 46E	225	20	20	18.8	26	26
3rdBCS	Invincible	19N 43E	090	25	21	20.4	25	25
	dropped Bristol	22N 37E	300	00	00	06.8	00	--
1stLCS	Glasgow	20N 45E	089	25	19	16.2	26	26
2ndCS	Galatea	40N 77E	090	28	23	20.6	28	28
	442 yds Inconstant	40N 75E	075	28	13	13.8	28	--
	524 yds Phaeton	40N 76E	033	28	11	13.2	28	--
	292 yds Royalist	40N 74E	060	24	15	16.6	28	--
1stFlot	1st Flotilla (10) reform	34N 42E	235	30	19	16.6	30	30
2ndFlot	2nd Flotilla (10) reform	40N 47E	232	30	21	17.0	30	30
Hits		Heavy caliber		Medium caliber				

Orders for turn 9

Unit	Lead Ship	Crs	Spd	Formation	Primary/Torpedo Target
1stBCS	Lion	180	20	Line Ahead	auto / auto
2ndBCS	Australia	180	20	Line Ahead	auto / auto
3rdBCS	Invincible	140	18	Line Ahead	auto / auto
I1-476	Bristol	300	00	Line Abst Stbd	auto / auto
1stLCS	Glasgow	140	25	Line Abst Stbd	auto / auto
2ndCS	Galatea	090	28	Line Ahead	auto / auto
1stFlot	1st Flotilla (10) Station on Lion	235	30	Independent Stbd bow	Frankfurt / auto
2ndFlot	2nd Flotilla (10) Station on Australia	232	30	Independent Stbd bow	Ebling / auto

Turn 9 (45 min) Real Time 04:12:15 PM Visibility 14,500-16,700 yards, improving, best NE

Galatea avoiding torpedoes (toward)
 Glasgow avoiding torpedoes (toward)
 Liverpool avoiding torpedoes (toward)
 Phaeton avoids collision; course 019
 Indomitable avoiding torpedoes (toward)
 Indomitable TORPEDOED

Indomitable maximum speed reduced by hull damage

Sighted Derfflinger class BC ----- 00N 69E, Crs 330, Spd 25 from Glasgow
 Sighted Derfflinger class BC ----- 00N 69E, Crs 330, Spd 25 from Invincible
 another ----- 00N 69E, Crs 330, Spd 25
 Sighted Seydlitz class BC ----- -01N 70E, Crs 330, Spd 25 from Glasgow
 Sighted 4 funneled cruiser ----- 26N 88E, Crs 343, Spd 25 from Galatea

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
Lion	target obscured by ship			
Princess Royal	target obscured by ship			
Queen Mary	target obscured by ship			
Tiger	target obscured by ship			
Australia	target obscured by ship			
Indefatigable	target obscured by ship			
Invincible	target obscured by ship making smoke (near)			
Indomitable	target obscured by ship making smoke (near)			
Inflexible	> 2 Blucher	7,185		Newcastle
Glasgow	target obscured by Newcastle			
Liverpool	target obscured by Newcastle			
Newcastle	under fire			

Galatea -----> Breslau 2,067 1 enemy making smoke
 Inconstant -----> Breslau 907
 Phaeton target obscured by H-Flot V (5) making smoke (near)
 Royalist -----> Breslau 5,212 1
 2nd Flotilla (10) target obscured by ship

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	25N 43E	180	20 20 19.4 28 28
2ndBCS	Australia	30N 46E	180	20 20 19.4 26 26
3rdBCS	Invincible	15N 47E	140	18 18 18.4 25 24
	dropped Bristol	22N 37E	300	00 00 00.0 00 --
1stLCS	Glasgow	16N 50E	140	25 17 18.6 26 26
2ndCS	Galatea	39N 85E	090	28 23 23.2 28 28
	1023 yds Inconstant	40N 81E	093	28 23 19.0 28 --
	2089 yds Phaeton	40N 78E	095	28 13 12.2 28 --
	1033 yds Royalist	40N 80E	099	24 17 16.2 28 --
1stFlot	1st Flotilla (10) reform	27N 40E	188	30 27 23.4 30 30
2ndFlot	2nd Flotilla (10) reform	32N 44E	192	30 27 25.0 30 30

Hits Heavy caliber Medium caliber
 Indomitable medium damage
 1 Von Der Tann class ----- 1 hit, 1 total

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 Turn 10 (50 min) Real Time 04:36:00 PM Visibility 15,000-17,100 yards, improving,
 best NE

Liverpool avoiding torpedoes (toward)
 Liverpool TORPEDOED
 Liverpool maximum speed reduced by flooding
 Liverpool recommends reducing speed to limit flooding
 Glasgow combing torpedoes (toward)

Sighted 4 funneled cruiser ----- 21N 91E, Crs 350, Spd 25 from Galatea

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
Lion	target obscured by Blucher making smoke			
Princess Royal	target obscured by ship			
Queen Mary	target obscured by ship			
Tiger	target obscured by ship			
Australia	target obscured by ship			
Invincible	under fire			
Inflexible	-----> 1 Derfflinger	12,896		Liverpool
Glasgow	target obscured by Liverpool			
Liverpool	target obscured by ship			
Galatea	-----> Breslau	3,499	1	downwind
Inconstant	-----> Breslau	4,470	1	Inconstant downwind
Phaeton	target obscured by ship			
Royalist	target obscured by ship			
1st Flotilla (10)	target obscured by ship			
2nd Flotilla (10)	target obscured by ship			

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	19N 43E	180	20 20 20.0 28 28
2ndBCS	Australia	23N 46E	180	20 20 20.0 26 26
3rdBCS	Invincible	09N 47E	180	18 18 17.8 25 24
	283 yds Indomitable	10N 47E	179	18 17 15.2 24 --
	dropped Bristol	22N 37E	300	00 00 00.0 00 --
1stLCS	Glasgow	10N 50E	180	18 18 18.0 26 16
2ndCS	Galatea	44N 81E	315	28 22 20.2 28 28
	18785 yds Royalist	38N 74E	263	24 20 17.4 28 --
1stFlot	1st Flotilla (10)(10)	18N 40E	181	30 28 27.6 30 30

