

Scenario: Dogger Operation BCS1-2, Battlecruiser Fleet

Initial conditions

Wind E at 10 knots
Visibility 22,000 yards (44 inches), steady

Unit	Position (inches)	Course	Speed (ord/max/unit)		Ammunition (rpg) (AP / Other)
1stBCS in formation line ahead					
lead ship Lion (F) -----	907N -506E	117	18	28	33 / 77
2ndBCS in formation line ahead					
lead ship New Zealand -----	907N -514E	090	18	26	33 / 77
1stLCS in formation screen abreast					
lead ship Southampton -----	915N -490E	090	18	25	25
screen Birmingham -----	899N -490E	090	18	25	
screen Lowestoft -----	931N -490E	090	18	25	
screen Nottingham -----	883N -490E	090	18	25	

POSITIONS (operational movement)

Time	Flagship	Position (NM)	Course	Speed	
07:10 Hrs	Lion -----	319N 61E	117	18	Initial position
16:15 Hrs	Lion -----	243N 197E	207	18	Patrol leg
SIGHTING REPORT:					
16:11 Hrs	Harwich detects smoke bearing SE				
16:15 Hrs	Arethusa -----	243N 208E	180	18	Sighting Report

Disposition conditions

Wind E at 10 knots
Visibility 22,000 yards (44 inches), steady

Unit	Position (inches)	Course	Speed (ord/max/unit)		Ammunition (rpg) (AP / Other)
1stBCS in formation line ahead					
lead ship Lion (F) -----	22N 14E	297	18	28	33 / 77
2ndBCS in formation line ahead					
lead ship New Zealand -----	18N 21E	297	18	26	33 / 77
1stLCS in formation screen abreast					
lead ship Southampton -----	22N -4E	297	18	25	25
screen Birmingham -----	36N 3E	297	18	25	
screen Lowestoft -----	8N -12E	297	18	25	
screen Nottingham -----	51N 10E	297	18	25	

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Turn 111 16:20 Hrs Real Time 07:17:19 AM 05/08/2021

REPORTS for BCS1-2

Apparent wind on Lion from ESE at 24 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)			
1stBCS -----	Lion -----	24N 18E	135	18	17	16.0	28 28
2ndBCS -----	New Zealand -----	26N 16E	306	25	18	17.0	26 25
1stLCS -----	Southampton -----	24N -01E	135	25	21	18.4	25 25
indep.	Birmingham -----	38N 08E	135	25	21	18.4	25 --
indep.	Lowestoft -----	09N -07E	135	25	21	18.4	25 --
indep.	Nottingham -----	52N 15E	135	25	21	18.4	25 --

HITS

Heavy caliber Medium caliber

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Turn 112 16:25 Hrs Real Time 07:17:36 AM 05/08/2021

REPORTS for BCS1-2

10th Half Flotilla (7) reports smoke bearing SE, about 25 NM, 4 columns
10th Half Flotilla (7) reports smoke bearing SSE, about 25 NM
10th Half Flotilla (7) reports smoke bearing SE, about 25 NM, multiple ships

10th Half Flotilla (7) reports smoke bearing SSE, about 25 NM, multiple ships
Apparent wind on Lion from ESE at 25 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	23N 17E	135	18 18 18.0 28 28
2ndBCS -----	New Zealand -----	29N 12E	135	18 14 17.0 26 25
1stLCS -----	Southampton -----	22N 00E	135	25 23 22.0 25 25
indep.	Birmingham -----	36N 08E	135	25 23 22.0 25 --
indep.	Lowestoft -----	07N -06E	135	25 23 22.0 25 --
indep.	Nottingham -----	50N 15E	135	25 23 22.0 25 --

HITS Heavy caliber Medium caliber

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Turn 113 16:30 Hrs Real Time 07:17:53 AM 05/08/2021

REPORTS for BCS1-2

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

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	23N 17E	135	18 18 18.0 28 28
2ndBCS -----	New Zealand -----	29N 11E	135	18 18 16.8 26 25
1stLCS -----	Southampton -----	21N 00E	135	25 24 23.4 25 25
indep.	Birmingham -----	35N 09E	135	25 24 23.4 25 --
indep.	Lowestoft -----	06N -05E	135	25 24 23.4 25 --
indep.	Nottingham -----	49N 16E	135	25 24 23.4 25 --

HITS Heavy caliber Medium caliber

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Turn 114 16:35 Hrs Real Time 07:20:13 AM 05/08/2021

REPORTS for BCS1-2

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

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	24N 16E	135	18 18 18.0 28 28
2ndBCS -----	New Zealand -----	30N 11E	135	18 18 18.0 26 25
1stLCS -----	Southampton -----	20N 01E	135	25 25 24.4 25 25
indep.	Birmingham -----	34N 10E	135	25 25 24.4 25 --
indep.	Lowestoft -----	05N -04E	135	25 25 24.4 25 --
indep.	Nottingham -----	48N 17E	135	25 25 24.4 25 --

HITS Heavy caliber Medium caliber

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Turn 115 16:40 Hrs Real Time 07:21:05 AM 05/08/2021

REPORTS for BCS1-2

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

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	24N 16E	135	18 18 18.0 28 28
2ndBCS -----	New Zealand -----	30N 10E	135	18 18 18.0 26 25
1stLCS -----	Southampton -----	19N 03E	135	25 25 25.0 25 25
indep.	Birmingham -----	33N 12E	135	25 25 25.0 25 --
indep.	Lowestoft -----	04N -03E	135	25 25 25.0 25 --
indep.	Nottingham -----	47N 19E	135	25 25 25.0 25 --

HITS Heavy caliber Medium caliber
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Turn 116 16:45 Hrs Real Time 07:21:53 AM 05/08/2021

REPORTS for BCS1-2

Sighted 3 funneled cruiser ----- -20N 61E, Crs 270, Spd 25 from 10th Half Flotilla (7)

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

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	25N 15E	135	18 18 18.0 28 28
2ndBCS -----	New Zealand -----	30N 10E	135	18 18 18.0 26 25
1stLCS -----	Southampton -----	17N 04E	135	25 25 25.0 25 25
indep.	Birmingham -----	32N 13E	135	25 25 25.0 25 --
indep.	Lowestoft -----	03N -02E	135	25 25 25.0 25 --
indep.	Nottingham -----	46N 20E	135	25 25 25.0 25 --

HITS Heavy caliber Medium caliber

Turn 117 16:50 Hrs Real Time 07:27:29 AM 05/08/2021

REPORTS for BCS1-2

Apparent wind on Lion from ESE at 29 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	25N 16E	135	22 22 20.8 28 28
2ndBCS -----	New Zealand -----	30N 10E	135	23 22 20.8 26 25
1stLCS -----	Southampton -----	16N 05E	135	25 25 25.0 25 25
indep.	Birmingham -----	30N 14E	135	25 25 25.0 25 --
indep.	Lowestoft -----	02N -01E	135	25 25 25.0 25 --
indep.	Nottingham -----	45N 21E	135	25 25 25.0 25 --

HITS Heavy caliber Medium caliber

Orders for turn 118

Unit	Lead Ship	Crs	Spd	Formation	Primary/Torpedo Target
1stBCS -----	Lion -----	135	22	line ahead	auto / auto
2ndBCS -----	New Zealand -----	135	23	line ahead	auto / auto
	Station on Lion			bearing 180,	2000 yards
1stLCS -----	Southampton -----	135	25	independent	auto / auto
	Birmingham -----	135	25	independent	auto / auto
	Lowestoft -----	135	25	independent	auto / auto
	Nottingham -----	135	25	independent	auto / auto

Turn 118 16:55 Hrs Real Time 07:30:00 AM 05/08/2021

REPORTS for BCS1-2

Sighted 4 funneled cruiser ----- -22N 20E, Crs 270, Spd 25 from Lowestoft
Apparent wind on Lion from ESE at 29 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	24N 16E	135	22 22 22.0 28 28
2ndBCS -----	New Zealand -----	29N 11E	135	24 24 23.4 26 25
1stLCS -----	Southampton -----	15N 06E	135	25 25 25.0 25 25
indep.	Birmingham -----	29N 15E	135	25 25 25.0 25 --
indep.	Lowestoft -----	01N 00E	135	25 25 25.0 25 --
indep.	Nottingham -----	43N 22E	135	25 25 25.0 25 --

HITS Heavy caliber Medium caliber

Turn 119 16:60 Hrs Real Time 07:33:30 AM 05/08/2021

REPORTS for BCS1-2

Sighted Seydlitz class BC ----- -30N 22E, Crs 270, Spd 25 from Lowestoft
 Sighted Moltke class BC ----- -30N 22E, Crs 270, Spd 25 from Lowestoft
 Sighted Derfflinger class BC ----- -30N 23E, Crs 270, Spd 25 from Lowestoft
 Sighted 4 funneled cruiser ----- -35N 05E, Crs 345, Spd 20 from Lowestoft
 Apparent wind on Lion from ESE at 29 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lowestoft ----->	2	Breslau -----	10,289			

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	24N 17E	135	22 22 22.0 28 28
2ndBCS -----	New Zealand -----	29N 12E	135	24 24 24.0 26 25
1stLCS -----	Southampton -----	15N -04E	225	25 22 20.2 25 25
indep.	Lowestoft -----	00N -10E	225	25 22 20.2 25 --

HITS

Heavy caliber Medium caliber

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 Turn 120 17:05 Hrs Real Time 07:45:28 AM 05/08/2021

REPORTS for BCS1-2

Sighted 2 funneled cruiser ----- -25N 17E, Crs 270, Spd 25 from Lowestoft
 Sighted 7 destroyers ----- -21N 14E, Crs 270, Spd 25 from Lowestoft
 Apparent wind on Lion from ESE at 32 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Seydlitz -----	21,474			/Range rate high
Lowestoft ----->	2	Breslau -----	12,364			Breslau class

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	23N 18E	135	26 25 24.2 28 28
2ndBCS -----	New Zealand -----	28N 13E	135	25 25 24.2 26 25
1stLCS -----	Southampton -----	14N -14E	225	25 23 22.6 25 25
indep.	Lowestoft -----	00N -20E	225	25 23 22.6 25 --

HITS

Heavy caliber Medium caliber

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 Turn 121 17:10 Hrs Real Time 07:48:37 AM 05/08/2021

REPORTS for BCS1-2

Sighted 7 destroyers ----- -11N 13E, Crs 005, Spd 20 from Southampton
 Apparent wind on Lion from ESE at 28 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Seydlitz -----	16,070		2	/Range rate high
Tiger ----->	1	Seydlitz -----	16,267		3	Lion/3ptsS/Range rate high
Princess Royal ----->	1	Seydlitz -----	16,476		3	Tiger/3ptsS/Range rate high
New Zealand ----->	2	Moltke -----	18,266	6		Seydlitz class/Range rate high
Indomitable ----->	1	Seydlitz -----	18,061	6	4	New Zealand/3ptsS/Range rate high
Southampton ----->	1	Breslau -----	13,372	4		/Range rate high
Lowestoft ----->	2	Breslau -----	13,997			Breslau class

third ship in enemy unit, Derfflinger class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	26N 22E	125	20 20 22.0 28 28
2ndBCS	New Zealand	30N 18E	129	24 24 24.6 26 25
1stLCS	Southampton	18N -09E	125	25 22 19.8 25 25

HITS Heavy caliber Medium caliber

Turn 122 17:15 Hrs Real Time 07:51:36 AM 05/08/2021

REPORTS for BCS1-2

Sighted 4 funneled cruiser -13N 04E, Crs 345, Spd 25 from Southampton
 Apparent wind on Lion from ESE at 28 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion	1	Seydlitz	15,167		2	
Tiger	1	Seydlitz	15,171		2	Lion/3ptsS
Princess Royal	2	Moltke	15,046		2	Tiger/3ptsS
New Zealand	2	Moltke	15,446		2	
Indomitable	3	Derfflinger	15,509	6		New Zealand/3ptsS
Southampton	1	Breslau	7,273			
Lowestoft	2	Breslau	10,573			Breslau class/Range

rate high

fourth ship in enemy unit, Blucher class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	31N 26E	125	20 20 20.0 28 28
2ndBCS	New Zealand	34N 22E	127	21 21 21.6 26 25
1stLCS	Southampton	22N -05E	125	25 23 22.6 25 25

HITS Heavy caliber Medium caliber

Lion	3 hits, 3 total	
Tiger	1 hit, 1 total	
Princess Royal	1 hit, 1 total	
New Zealand	0 hit, 0 total	1 hit, 1 total
1 Seydlitz class	1 hit, 1 total	
2 Moltke class	1 hit, 1 total	

Turn 123 17:20 Hrs Real Time 07:58:35 AM 05/08/2021

REPORTS for BCS1-2

Apparent wind on Lion from SE at 26 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion	1	Seydlitz	14,916		2	
Tiger	1	Seydlitz	14,878		2	Lion/3ptsS
Princess Royal	2	Moltke	14,870		2	Tiger/3ptsS
New Zealand	2	Moltke	14,709		2	
Indomitable	3	Derfflinger	14,853	6		New Zealand/3ptsS
Southampton	1	Breslau	3,087			
Lowestoft	2	Breslau	4,817	4		Breslau class

fourth ship in enemy unit, Blucher class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	22N 58E	145	20 20 20.0 28 28
2ndBCS	New Zealand	25N 56E	145	20 20 20.6 26 25
1stLCS	Southampton	17N 17E	270	25 22 19.8 25 25

HITS Heavy caliber Medium caliber

Lion	5 hits, 8 total
Tiger	6 hits, 7 total

Princess Royal ----- 2 hits, 3 total
1 Seydlitz class ----- 1 hit, 2 total

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Turn 124 17:25 Hrs Real Time 08:04:23 AM 05/08/2021

REPORTS for BCS1-2

Lowestoft primary guns damaged
Apparent wind on Lion from SE at 26 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Seydlitz -----	16,447		2	/Range rate high
Tiger ----->	1	Seydlitz -----	16,197		2	Lion/3ptsS
Princess Royal ----->	2	Moltke -----	15,840		2	Tiger/3ptsS
New Zealand ----->	2	Moltke -----	15,430		2	
Indomitable ----->	3	Derfflinger -----	15,185	6		New Zealand/3ptsS
Southampton ----->	1	Breslau -----	4,898	1	2	Kolberg class/Downwind
Birmingham ----->	1	Breslau -----	3,640		2	Lowestoft
Lowestoft ----->	2	Breslau -----	3,490			Breslau class/Downwind
Nottingham ----->	1	Breslau -----	6,838	4	3	

fourth ship in enemy unit, Blucher class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	22N 58E	145	20 20 20.0 28 28
2ndBCS -----	New Zealand -----	25N 56E	145	20 20 20.0 26 25
1stLCS -----	Southampton -----	22N 06E	270	25 23 22.6 25 25

HITS

	Heavy caliber	Medium caliber
Lion -----	4 hits, 12 total	
Tiger -----	2 hits, 9 total	
Princess Royal -----	7 hits, 10 total	
Princess Royal medium damage		
Southampton medium damage		
1 Seydlitz class -----	1 hit, 3 total	
2 Moltke class -----	1 hit, 2 total	
3 Derfflinger class -----	2 hits, 2 total	

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Turn 125 17:30 Hrs Real Time 08:07:49 AM 05/08/2021

REPORTS for BCS1-2

Princess Royal fire control damage
Nottingham primary magazine fire, BLOWN UP
Nottingham BLOWN UP, position 31N 8E
Apparent wind on Lion from SE at 23 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Seydlitz -----	19,846		2	/Range rate high
Tiger ----->	1	Seydlitz -----	19,588		2	Lion/4ptsS/Range rate high
Princess Royal ----->	2	Moltke -----	19,049		2	Tiger/4ptsS/Range rate high
New Zealand ----->	2	Moltke -----	18,587	6	2	/Range rate high
Indomitable ----->	3	Derfflinger -----	18,130	6		New Zealand/4ptsS/Range rate high
Southampton ----->	1	Breslau -----	8,387		2	
Birmingham ----->	1	Breslau -----	8,473		2	
Nottingham ----->	2	Breslau -----	7,550			

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	21N 56E	165	20 20 20.0 28 28
2ndBCS -----	New Zealand -----	24N 55E	165	20 20 19.6 26 25

1stLCS ----- Southampton ----- 21N 02E 180 25 22 19.8 25 25

HITS Heavy caliber Medium caliber
Lion ----- 1 hit, 13 total
Tiger ----- 1 hit, 10 total
Princess Royal ----- 3 hits, 13 total

Turn 126 17:35 Hrs Real Time 08:12:56 AM 05/08/2021

REPORTS for BCS1-2
Apparent wind on Lion from NNE at 21 knots (2 points to starboard)

TARGETING
Firing Ship Pos. Target class Range yds Arc Con Obstruction/problem
Lion -----> 1 Seydlitz -----18,663 /Range rate high
Tiger -----> 1 Seydlitz -----18,852 2 Lion/4ptsP/Range rate high
New Zealand -----> 2 Moltke -----18,392 /Range rate high
Birmingham -----> 1 Breslau -----12,095 /Range rate high

POSITIONS
Unit Lead, screen, out of form. Pos (in.) Crs Spd(ord/cur/avg /max/unit)
1stBCS ----- Lion ----- 32N 55E 000 20 17 16.4 28 28
2ndBCS ----- New Zealand ----- 35N 55E 000 16 16 15.8 26 25
1stLCS ----- Southampton ----- 20N 01E 180 25 23 22.6 25 25

HITS Heavy caliber Medium caliber
Lion ----- 1 hit, 14 total
Tiger ----- 1 hit, 11 total

Turn 127 17:40 Hrs Real Time 08:19:41 AM 05/08/2021

REPORTS for BCS1-2
Apparent wind on Lion from NE at 26 knots (2 points to starboard)

TARGETING
Firing Ship Pos. Target class Range yds Arc Con Obstruction/problem
Lion -----> 1 Seydlitz -----16,525 2
Tiger -----> 1 Seydlitz -----16,446 2 Lion/3ptsP
Princess Royal -----> 2 Moltke -----16,685 2 Tiger/3ptsP
New Zealand -----> 2 Moltke -----16,698 6 2
Indomitable -----> 3 Derfflinger -----16,808 6 New Zealand/2ptsP

POSITIONS
Unit Lead, screen, out of form. Pos (in.) Crs Spd(ord/cur/avg /max/unit)
1stBCS ----- Lion ----- 32N 57E 031 18 18 18.0 28 28
2ndBCS ----- New Zealand ----- 35N 58E 045 16 16 15.8 26 25
1stLCS ----- Southampton ----- 15N 07E 090 25 22 19.8 25 25

HITS Heavy caliber Medium caliber
Tiger ----- 1 hit, 12 total
2 Moltke class ----- 2 hits, 4 total

Turn 128 17:45 Hrs Real Time 08:22:13 AM 05/08/2021

REPORTS for BCS1-2
Tiger primary guns damaged
Apparent wind on Lion from NE at 26 knots (2 points to starboard)

TARGETING
Firing Ship Pos. Target class Range yds Arc Con Obstruction/problem
Lion -----> 1 Seydlitz -----14,658 2 Indomitable
Tiger -----> 1 Seydlitz -----14,528 2 Lion/3ptsP

Princess Royal -----> 2 Moltke -----14,708 2 Tiger/3ptsP
 New Zealand -----> 2 Moltke -----15,115 6 2
 Indomitable -----> 3 Derfflinger -----15,228 6 New Zealand/2ptsP
 Southampton -----> 4 Kolberg -----13,846 4 Karlsruhe class
 fourth ship in enemy unit, Blucher class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	32N 58E	038	18 18 18.0 28 28
2ndBCS	New Zealand	33N 58E	045	16 16 16.0 26 25
1stLCS	Southampton	10N 11E	090	25 23 22.6 25 25

HITS

	Heavy caliber	Medium caliber
Lion	2 hits, 16 total	
Lion medium damage		
Tiger	4 hits, 16 total	
Princess Royal	2 hits, 15 total	
1 Seydlitz class	1 hit, 4 total	
2 Moltke class	2 hits, 6 total	

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 Turn 129 17:50 Hrs Real Time 08:25:52 AM 05/08/2021

REPORTS for BCS1-2

Apparent wind on Lion from NE at 30 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion	----->	1 Seydlitz	-----15,515		2	New Zealand
Tiger	----->	1 Seydlitz	-----15,368		2	Lion/2ptsP
Princess Royal	----->	2 Moltke	-----15,152		2	Tiger/2ptsP
New Zealand	----->	2 Moltke	-----15,546		2	
Indomitable	----->	3 Derfflinger	-----15,316	6		New Zealand/2ptsP
fourth ship in enemy unit, Blucher class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	32N 59E	043	21 21 20.4 28 28
2ndBCS	New Zealand	33N 59E	045	18 18 17.8 26 25
1stLCS	Southampton	05N 16E	090	25 24 23.8 25 25

HITS

	Heavy caliber	Medium caliber
Lion	3 hits, 19 total	
Lion AP shells low		
Tiger	2 hits, 18 total	
Princess Royal	1 hit, 16 total	
2 Moltke class	5 hits, 11 total	
3 Derfflinger class	1 hit, 3 total	

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 Turn 130 17:55 Hrs Real Time 08:29:41 AM 05/08/2021

REPORTS for BCS1-2

Tiger secondary magazine fire
 Tiger maximum speed reduced by flooding
 Tiger recommends reducing speed to limit flooding
 Princess Royal primary guns damaged
 Apparent wind on Lion from NE at 30 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion	----->	1 Seydlitz	-----17,112		3	
Princess Royal	----->	1 Seydlitz	-----16,366		2	
New Zealand	----->	2 Moltke	-----15,462			
Indomitable	----->	3 Derfflinger	-----14,992	6		
fourth ship in enemy unit, Blucher class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	32N 59E	043	21 21 21.0 28 16
2ndBCS	New Zealand	31N 55E	043	21 16 15.4 26 25
1stLCS	Southampton	06N 16E	045	25 23 22.6 25 25

HITS

	Heavy caliber	Medium caliber
Lion	1 hit, 20 total	
Tiger	2 hits, 20 total	
Tiger heavy damage		
Princess Royal	2 hits, 18 total	
2 Moltke class	2 hits, 13 total	

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 Turn 131 17:60 Hrs Real Time 08:33:17 AM 05/08/2021

REPORTS for BCS1-2

Tiger uncontrolled flooding due to seastate
 Apparent wind on Lion from NE at 24 knots (2 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion	1 Seydlitz		14,819		3	/Range rate high
Tiger	1 Seydlitz		14,651		3	/Range rate high
Princess Royal	1 Seydlitz		14,499		3	/Range rate high
New Zealand	2 Moltke		14,489			
Indomitable	3 Derfflinger		14,634	6		New Zealand/3ptsP

fourth ship in enemy unit, Blucher class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	33N 56E	015	18 18 18.6 28 16
2ndBCS	New Zealand	30N 53E	015	18 17 15.8 26 25
1stLCS	Southampton	06N 17E	045	25 24 23.4 25 25

HITS

	Heavy caliber	Medium caliber
Tiger	2 hits, 22 total	
Princess Royal	2 hits, 20 total	
2 Moltke class	1 hit, 14 total	

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 Turn 132 18:05 Hrs Real Time 08:36:05 AM 05/08/2021

REPORTS for BCS1-2

Tiger recommends reducing speed to limit flooding
 Apparent wind on Lion from NE at 24 knots (2 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion	1 Seydlitz		13,397		2	
Tiger	2 Moltke		13,262		2	
Princess Royal	1 Seydlitz		13,141		2	
New Zealand	2 Moltke		12,861			
Indomitable	3 Derfflinger		12,724	6		

fourth ship in enemy unit, Blucher class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS	Lion	33N 56E	015	18 18 18.0 28 16
2ndBCS	New Zealand	30N 52E	015	18 18 18.0 26 25
1stLCS	Southampton	06N 21E	045	25 25 24.4 25 25

HITS

	Heavy caliber	Medium caliber
Lion	2 hits, 22 total	2 hits, 2 total
Tiger	2 hits, 24 total	

Princess Royal ----- 2 hits, 22 total
 1 Seydlitz class ----- 3 hits, 7 total
 2 Moltke class ----- 1 hit, 15 total
 3 Derfflinger class ----- 1 hit, 4 total

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Turn 133 18:10 Hrs Real Time 08:40:28 AM 05/08/2021

REPORTS for BCS1-2

Tiger uncontrolled flooding due to seastate
 Princess Royal maximum speed reduced by flooding
 Apparent wind on Lion from NE at 24 knots (2 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1 Seydlitz -----	-----	12,784		2	
Princess Royal ----->	1 Seydlitz -----	-----	12,691		2	
New Zealand ----->	2 Moltke -----	-----	12,222	6		
Indomitable ----->	3 Derfflinger -----	-----	11,923	6		

fourth ship in enemy unit, Blucher class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	33N 56E	015	18 18 18.0 28 23
	dropped Tiger -----	31N 55E	015	12 13 15.0 16 --
2ndBCS -----	New Zealand -----	30N 52E	015	18 18 18.0 26 25
1stLCS -----	Southampton -----	06N 26E	045	25 25 25.0 25 25

HITS

	Heavy caliber	Medium caliber
Lion -----	5 hits, 27 total	1 hit, 3 total
Tiger -----	2 hits, 26 total	
Princess Royal -----	3 hits, 25 total	
Princess Royal AP shells low		
1 Seydlitz class -----	4 hits, 11 total	
2 Moltke class -----	4 hits, 19 total	
3 Derfflinger class -----	3 hits, 7 total	

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Turn 134 18:15 Hrs Real Time 08:46:41 AM 05/08/2021

REPORTS for BCS1-2

Lion maximum speed reduced by flooding
 Princess Royal maximum speed reduced by flooding
 Apparent wind on Lion from NE at 22 knots (2 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1 Seydlitz -----	-----	14,201		2	
Princess Royal ----->	1 Seydlitz -----	-----	14,134		2	Lion/3ptsP
New Zealand ----->	2 Moltke -----	-----	13,544	6		
Indomitable ----->	3 Derfflinger -----	-----	13,084	6		New Zealand/3ptsP

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	32N 55E	015	16 16 16.2 23 22
	dropped Tiger -----	27N 49E	005	16 13 12.0 16 --
2ndBCS -----	New Zealand -----	30N 52E	015	16 16 16.6 26 25
1stLCS -----	Southampton -----	08N 26E	015	25 23 23.4 25 25

HITS

	Heavy caliber	Medium caliber
Lion -----	2 hits, 29 total	
Tiger -----	1 hit, 27 total	
Princess Royal -----	4 hits, 29 total	
1 Seydlitz class -----	3 hits, 14 total	
2 Moltke class -----	2 hits, 21 total	
3 Derfflinger class -----	5 hits, 12 total	