

Scenario: North Sea Operation Grand Fleet, British

Initial conditions

Wind WSW at 12 knots

Visibility 20,000 yards (40 inches), steady

Unit	Position (inches)	Course	Speed (ord/max/unit)			Ammunition (rpg) (AP / Other)
1stBCS in formation line ahead						
lead ship Lion -----	108N -114E	135	17	28	28	61 / 49
2ndBCS in formation line ahead						
lead ship New Zealand -----	105N -111E	135	17	26	26	61 / 49
1stDiv in formation line ahead						
lead ship Queen Elizabeth (F) -----	120N -120E	135	17	24	24	57 / 47
2ndDiv in formation line ahead						
lead ship King George V -----	117N -123E	135	17	21	21	50 / 40
3rdDiv in formation line ahead						
lead ship Orion -----	114N -126E	135	17	21	21	44 / 36
2ndLCS in formation screen abreast						
lead ship Southampton -----	97N -107E	135	17	25	25	
screen Birmingham -----	88N -116E	135	17	25		
screen Nottingham -----	80N -124E	135	17	25		
screen Dublin -----	71N -133E	135	17	25		
3rdLCS in formation screen abreast						
lead ship Falmouth -----	133N -71E	135	17	25	25	
screen Yarmouth -----	124N -80E	135	17	25		
screen Birkenhead -----	116N -88E	135	17	25		
screen Gloucester -----	107N -97E	135	17	25		200 / 0
1stFlot ----- 1st Flotilla (15) -----	114N -120E	135	17	30		
9thFlot ----- 9th Flotilla (15) -----	111N -129E	135	17	34		
13thFlot ----- 13th Flotilla (15) -----	123N -117E	135	17	34		

POSITIONS (operational movement)

Time	Flagship	Position (NM)	Course	Speed	
11:20 Hrs	Queen Elizabeth -----	29N -29E	135	17	Initial position
12:16 Hrs	Grand Fleet sights smoke bearing ESE				

=====
 Turn 14 12:25 Hrs Real Time 09:23:17 AM 03/15/2021

REPORTS for Grand Fleet

 Apparent wind on Queen Elizabeth from SE at 9 knots (starboard bow)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS	Lion	50N -45E	096	17	17	16.8	28	28
2ndBCS	New Zealand	51N -49E	096	17	16	16.0	26	26
1stDiv	Queen Elizabeth	64N -65E	096	17	17	16.8	24	24
2ndDiv	King George V	69N -65E	096	17	09	12.8	21	21
3rdDiv	Orion	71N -60E	096	14	14	14.6	21	21
2ndLCS	Southampton	58N -33E	042	17	20	17.4	25	25
	6760 yds Birmingham	52N -38E	052	25	20	17.4	25	--
	7052 yds Nottingham	46N -42E	062	25	21	18.2	25	--
	8018 yds Dublin	39N -48E	070	25	22	19.0	25	--
3rdLCS	Falmouth	85N -52E	096	14	14	14.0	25	25
1stFlot	1st Flotilla (15)(15)	67N -62E	091	30	15	15.8	30	--
9thFlot	9th Flotilla (15)(15)	63N -60E	096	17	17	18.0	34	--
13thFlot	13th Flotilla (15)(15)	70N -55E	071	34	15	16.0	34	--

HITS

Heavy caliber Medium caliber

=====

Turn 15 12:30 Hrs Real Time 09:24:06 AM 03/15/2021

REPORTS for Grand Fleet

Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS	Lion	50N -39E	096	24	22	20.0	28	28
2ndBCS	New Zealand	50N -42E	096	21	21	19.0	26	26
	633 yds Indefatigable	50N -44E	096	17	19	17.0	26	--
1stDiv	Queen Elizabeth	64N -59E	096	19	19	18.8	24	24
2ndDiv	King George V	68N -59E	096	19	15	13.0	21	21
	1167 yds Ajax	68N -62E	096	14	12	10.0	21	--
	967 yds Centurion	68N -63E	096	15	14	11.8	21	--
	1696 yds Erin	68N -65E	093	15	13	11.6	21	--
3rdDiv	Orion	72N -59E	096	19	08	11.2	21	21
2ndLCS	Southampton	64N -27E	048	19	23	22.4	25	25
	4593 yds Birmingham	56N -31E	059	25	23	22.4	25	--
	5537 yds Nottingham	49N -36E	068	25	23	22.0	25	--
	6825 yds Dublin	41N -40E	075	25	23	22.6	25	--
3rdLCS	Falmouth	84N -56E	270	25	18	15.2	25	25
	666 yds Gloucester	85N -54E	000	18	13	13.8	25	--
1stFlot	1st Flotilla (15)(15)	67N -57E	093	30	20	16.0	30	--
9thFlot	9th Flotilla (15)(15)	63N -53E	096	19	19	18.4	34	--

13thFlot ---- 13th Flotilla (15)(15) --- 72N -53E 096 12 12 14.6 34 --

HITS Heavy caliber Medium caliber

=====
Turn 16 12:35 Hrs Real Time 09:24:56 AM 03/15/2021

REPORTS for Grand Fleet

Dublin reports smoke bearing ESE, about 15 NM
Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	49N -31E	096	24	24	23.8	28	28
2ndBCS -----	New Zealand -----	49N -34E	096	24	23	22.6	26	26
1000 yds	Indefatigable -----	50N -37E	096	17	23	21.6	26	--
1stDiv -----	Queen Elizabeth -----	63N -53E	096	19	19	19.0	24	24
2ndDiv -----	King George V -----	67N -52E	096	19	18	17.2	21	21
1933 yds	Ajax -----	68N -57E	096	17	17	15.0	21	--
1467 yds	Centurion -----	68N -57E	096	17	18	16.6	21	--
2323 yds	Erin -----	68N -60E	094	17	17	15.8	21	--
3rdDiv -----	Orion -----	72N -52E	096	19	14	12.0	21	21
900 yds	Conqueror -----	72N -56E	096	14	12	10.2	21	--
1167 yds	Thunderer -----	72N -58E	096	14	12	10.2	21	--
2ndLCS -----	Southampton -----	68N -21E	057	19	24	23.6	25	25
2677 yds	Birmingham -----	60N -24E	067	25	24	23.6	25	--
4134 yds	Nottingham -----	51N -28E	074	25	24	23.4	25	--
5629 yds	Dublin -----	43N -33E	079	25	24	23.8	25	--
3rdLCS -----	Falmouth -----	84N -55E	096	19	16	18.0	25	25
518 yds	Yarmouth -----	85N -56E	006	17	15	17.0	25	--
1stFlot -----	1st Flotilla (15)(15) ----	67N -49E	092	30	27	25.0	30	--
9thFlot -----	9th Flotilla (15)(15) ----	62N -47E	096	19	19	19.0	34	--
13thFlot -----	13th Flotilla (15)(15) ---	71N -46E	096	13	13	11.4	34	--

HITS Heavy caliber Medium caliber

=====
Turn 17 12:40 Hrs Real Time 09:25:46 AM 03/15/2021

REPORTS for Grand Fleet

Nottingham reports smoke bearing ESE, about 15 NM, multiple ships
Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS	Lion	48N -23E	096	24	24	24.0	28	28
2ndBCS	New Zealand	48N -26E	096	24	24	24.0	26	26
	1100 yds Indefatigable	49N -29E	096	17	24	23.6	26	--
1stDiv	Queen Elizabeth	62N -47E	096	19	19	19.0	24	24
2ndDiv	King George V	67N -46E	096	19	19	18.8	21	21
	2133 yds Ajax	67N -51E	096	18	19	18.0	21	--
	1567 yds Centurion	67N -51E	096	18	19	18.6	21	--
	2455 yds Erin	67N -54E	095	17	19	18.4	21	--
3rdDiv	Orion	71N -46E	096	19	18	16.6	21	21
	1700 yds Conqueror	72N -51E	096	17	17	15.0	21	--
	1967 yds Thunderer	72N -53E	096	17	17	15.0	21	--
2ndLCS	Southampton	71N -13E	096	19	18	20.0	25	25
	1166 yds Birmingham	62N -16E	079	25	25	24.6	25	--
	2847 yds Nottingham	53N -20E	080	25	25	24.4	25	--
	4409 yds Dublin	44N -24E	082	25	25	24.8	25	--
3rdLCS	Falmouth	83N -49E	096	19	19	18.8	25	25
	1001 yds Gloucester	84N -54E	102	18	17	13.8	25	--
1stFlot	1st Flotilla (15)(15)	66N -40E	096	19	19	20.6	30	--
9thFlot	9th Flotilla (15)(15)	62N -41E	096	19	19	19.0	34	--
13thFlot	13th Flotilla (15)(15)	70N -40E	096	17	17	15.8	34	--

HITS Heavy caliber Medium caliber

=====
 Turn 18 12:45 Hrs Real Time 09:26:36 AM 03/15/2021

REPORTS for Grand Fleet

Dublin reports smoke bearing ESE, about 15 NM
 Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS	Lion	47N -15E	096	24	24	24.0	28	28
2ndBCS	New Zealand	47N -18E	096	24	24	24.0	26	26
	967 yds Indefatigable	48N -21E	096	17	25	24.8	26	--
1stDiv	Queen Elizabeth	62N -40E	096	19	19	19.0	24	24
2ndDiv	King George V	66N -40E	096	19	19	19.0	21	21
	2067 yds Ajax	66N -45E	096	18	20	19.4	21	--
	1433 yds Centurion	66N -45E	096	18	20	19.8	21	--
	2356 yds Erin	67N -47E	096	17	20	19.6	21	--
3rdDiv	Orion	70N -39E	096	19	19	18.6	21	21

1900 yds	Conqueror	-----	71N -45E	096	18	19	18.0	21	--
2167 yds	Thunderer	-----	71N -47E	096	18	19	18.0	21	--
2ndLCS	-----	Southampton	-----	70N -07E	096	19	19	18.6	25 25
screen	Birmingham	-----	62N -08E	096	19	19	20.0	25	--
1678 yds	Nottingham	-----	54N -12E	087	25	25	25.0	25	--
3267 yds	Dublin	-----	45N -16E	086	25	25	25.0	25	--
3rdLCS	-----	Falmouth	-----	82N -42E	096	19	19	19.0	25 25
643 yds	Gloucester	-----	83N -47E	098	22	22	21.0	25	--
1stFlot	-----	1st Flotilla (15)(15)	-----	65N -34E	096	19	19	19.0	30 --
9thFlot	-----	9th Flotilla (15)(15)	-----	61N -34E	096	19	19	19.0	34 --
13thFlot	-----	13th Flotilla (15)(15)	-----	70N -33E	096	19	19	18.4	34 --

HITS Heavy caliber Medium caliber

=====

Turn 19 12:50 Hrs Real Time 09:27:31 AM 03/15/2021

REPORTS for Grand Fleet

Lion reports smoke bearing ESE, about 15 NM, multiple ships
 Lion reports smoke bearing ESE, about 20 NM, multiple ships
 Lion reports smoke bearing ESE, about 15 NM, multiple ships
 Nottingham reports smoke bearing ESE, about 15 NM, multiple ships
 Lion reports smoke bearing ESE, about 15 NM, multiple ships
 Sighted 3 funneled cruiser ----- 20N 09E, Crs 005, Spd 20 from Lion
 Sighted 3 funneled cruiser ----- 41N 18E, Crs 290, Spd 20 from Lion
 Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

TARGETING

Firing Ship	Pos. Target	class	Range yds	Arc	Con	Obstruction/problem
Dublin ----->	Frankfurt	-----	14,203			/Range rate high

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)					
1stBCS	-----	Lion	-----	46N -07E	096	24	24	24.0	28 28
2ndBCS	-----	New Zealand	-----	47N -10E	096	24	24	24.0	26 26
667 yds	Indefatigable	-----	47N -13E	096	17	26	25.8	26	--
1stDiv	-----	Queen Elizabeth	-----	61N -34E	096	19	19	19.0	24 24
2ndDiv	-----	King George V	-----	65N -34E	096	19	19	19.0	21 21
1833 yds	Ajax	-----	66N -38E	096	18	21	20.4	21	--
1133 yds	Centurion	-----	66N -38E	096	18	21	20.8	21	--
2089 yds	Erin	-----	66N -41E	096	17	21	20.6	21	--
3rdDiv	-----	Orion	-----	70N -33E	096	19	19	19.0	21 21
1833 yds	Conqueror	-----	70N -39E	096	19	20	19.4	21	--

2100 yds	Thunderer	-----	70N -40E	096	19	20	19.4	21	--
2ndLCS	-----	Southampton	-----	69N -01E	096	19	19	19.0	25 25
screen	Birmingham	-----	62N -02E	096	19	19	19.0	25	--
screen	Nottingham	-----	54N -03E	096	25	19	23.8	25	--
2206 yds	Dublin	-----	45N -08E	090	25	25	25.0	25	--
3rdLCS	-----	Falmouth	-----	82N -36E	096	19	19	19.0	25 25
1stFlot	-----	1st Flotilla (15)(15)	----	65N -28E	096	19	19	19.0	30 --
9thFlot	-----	9th Flotilla (15)(15)	----	60N -28E	096	19	19	19.0	34 --
13thFlot	----	13th Flotilla (15)(15)	----	69N -27E	096	19	19	19.0	34 --

HITS Heavy caliber Medium caliber

=====

Turn 20 12:55 Hrs Real Time 09:28:23 AM 03/15/2021

REPORTS for Grand Fleet

Nottingham reports smoke bearing ESE, about 15 NM, multiple ships
 Sighted Derfflinger class BC ----- 31N 31E, Crs 350, Spd 25 from Lion
 Sighted Derfflinger class BC ----- 32N 31E, Crs 350, Spd 25 from Lion
 Sighted Seydlitz class BC ----- 30N 31E, Crs 350, Spd 20 from Lion
 Sighted Moltke class BC ----- 29N 32E, Crs 350, Spd 20 from Lion
 Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	16,303	2		/Range rate high
Princess Royal ----->	2	Derfflinger -----	17,010	2		/Range rate high
Queen Mary ----->	3	Seydlitz -----	17,806	2		Dublin/Range rate high
New Zealand ----->		Frankfurt -----	9,714	4	2	/Range rate high
Indefatigable ----->		Frankfurt -----	10,108	4	2	/Range rate high
Southampton ----->		Frankfurt -----	12,817	4		/Range rate high
Dublin ----->		Frankfurt -----	8,451		4	/Range rate high

fourth ship in enemy unit, Moltke class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	45N 01E	096	24 24 24.0 28 28
2ndBCS -----	New Zealand -----	46N -02E	096	24 24 24.0 26 26
1stDiv -----	Queen Elizabeth -----	60N -28E	096	19 19 19.0 24 24
2ndDiv -----	King George V -----	65N -27E	096	19 19 19.0 21 21
1500 yds	Ajax -----	65N -31E	096	18 21 21.0 21 --
800 yds	Centurion -----	65N -31E	096	18 21 21.0 21 --
1756 yds	Erin -----	65N -34E	096	17 21 21.0 21 --

3rdDiv -----	Orion -----	69N -27E	096	19	19	19.0	21	21
1600 yds	Conqueror -----	70N -32E	096	19	21	20.4	21	--
1867 yds	Thunderer -----	70N -33E	096	19	21	20.4	21	--
2ndLCS -----	Southampton -----	69N 05E	096	19	19	19.0	25	25
screen	Birmingham -----	61N 05E	096	19	19	19.0	25	--
screen	Nottingham -----	53N 04E	096	19	19	19.0	25	--
1188 yds	Dublin -----	45N 01E	093	25	25	25.0	25	--
3rdLCS -----	Falmouth -----	81N -30E	096	19	19	19.0	25	25
1stFlot -----	1st Flotilla (15)(15) -----	64N -21E	096	19	19	19.0	30	--
9thFlot -----	9th Flotilla (15)(15) -----	60N -22E	096	19	19	19.0	34	--
13thFlot -----	13th Flotilla (15)(15) -----	68N -21E	096	19	19	19.0	34	--

HITS Heavy caliber Medium caliber

=====

Turn 21 12:60 Hrs Real Time 09:29:20 AM 03/15/2021

REPORTS for Grand Fleet

Dublin machinery damaged

Sighted 3 funneled cruiser ----- 16N 21E, Crs 350, Spd 15 from Dublin

Sighted 3 funneled cruiser ----- 22N 25E, Crs 290, Spd 20 from Lion

Sighted 3 funneled cruiser ----- 44N 35E, Crs 290, Spd 20 from Lion

Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

TARGETING

Firing ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	13,629		2	
Princess Royal ----->	2	Derfflinger -----	13,898		2	Lion/2ptsS
Queen Mary ----->	3	Seydlitz -----	14,152			Princess Royal/2ptsS
Indefatigable ----->	2	Derfflinger -----	15,146	4	2	New Zealand/3ptsS
Southampton ----->		Frankfurt -----	14,154		4	/Range rate high
Nottingham ----->		Frankfurt -----	7,503	4	2	
Dublin ----->		Frankfurt -----	10,018		2	

fourth ship in enemy unit, Moltke class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	50N 07E	055	24 24 22.8 28 28
2ndBCS -----	New Zealand -----	48N 05E	055	23 22 22.2 26 26
1stDiv -----	Queen Elizabeth -----	60N -21E	096	19 19 19.0 24 24
2ndDiv -----	King George V -----	64N -21E	096	19 19 19.0 21 21
1167 yds	Ajax -----	64N -24E	096	18 21 21.0 21 --
1422 yds	Erin -----	65N -27E	096	17 21 21.0 21 --

3rdDiv -----	Orion -----	68N -20E	096	19	19	19.0	21	21
1267 yds	Conqueror -----	69N -25E	096	19	21	21.0	21	--
1533 yds	Thunderer -----	69N -26E	096	19	21	21.0	21	--
2ndLCS -----	Southampton -----	68N 12E	096	19	19	19.0	25	23
screen	Birmingham -----	60N 11E	096	19	19	19.0	25	--
screen	Nottingham -----	52N 10E	096	19	19	19.0	25	--
screen	Dublin -----	44N 09E	096	19	19	20.2	23	--
3rdLCS -----	Falmouth -----	80N -24E	096	19	19	19.0	25	25
1stFlot -----	1st Flotilla (15)(15) -----	63N -15E	096	19	19	19.0	30	--
9thFlot -----	9th Flotilla (15)(15) -----	59N -15E	096	19	19	19.0	34	--
13thFlot -----	13th Flotilla (15)(15) -----	68N -14E	096	19	19	19.0	34	--

HITS	Heavy caliber	Medium caliber
Lion -----	1 hit, 1 total	
New Zealand -----	1 hit, 1 total	
1 Derfflinger class -----	1 hit, 1 total	

=====

Turn 22 13:05 Hrs Real Time 09:30:17 AM 03/15/2021

REPORTS for Grand Fleet

Dublin machinery damaged
Dublin turns away to NW due to close range
Birmingham machinery damaged
Sighted Konig class DN ----- 26N 45E, Crs 290, Spd 20 from Dublin
Sighted Konig class DN ----- 27N 43E, Crs 290, Spd 20 from Nottingham
Sighted Konig class DN ----- 27N 43E, Crs 290, Spd 20 from Nottingham
another ----- 27N 44E, Crs 290, Spd 20
Sighted Kasier class DN ----- 27N 44E, Crs 290, Spd 20 from Nottingham
another ----- 26N 45E, Crs 290, Spd 20
Sighted 3 funneled cruiser ----- 58N 47E, Crs 225, Spd 15 from Southampton
Birmingham turns away to WNW due to close range
Apparent wind on Queen Elizabeth from SE at 11 knots (starboard bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	12,187		2	Nottingham
Princess Royal ----->	1	Derfflinger -----	12,396		2	Lion/2ptsS
Queen Mary ----->	2	Derfflinger -----	12,595			Princess Royal/2ptsS
New Zealand ----->	3	Seydlitz -----	12,960	6		Queen Mary/2ptsS
Indefatigable ----->	4	Moltke -----	14,192	6		Derfflinger class
Birmingham ----->		Frankfurt -----	3,108	4	4	
Nottingham ----->		Frankfurt -----	4,016	4	4	

Dublin -----> Frankfurt ----- 8,584 3 Nottingham
 first ship in enemy unit, Konig class not under fire
 second ship in enemy unit, Konig class not under fire
 third ship in enemy unit, Konig class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	55N 14E	055	24	24	24.0	28	28
2ndBCS -----	New Zealand -----	53N 11E	055	24	24	23.0	26	26
	634 yds Indefatigable -----	51N 09E	055	22	23	21.6	26	--
1stDiv -----	Queen Elizabeth -----	59N -15E	096	19	19	19.0	24	24
2ndDiv -----	King George V -----	63N -15E	096	19	19	19.0	21	21
	833 yds Ajax -----	64N -17E	096	18	21	21.0	21	--
	1089 yds Erin -----	64N -20E	096	17	21	21.0	21	--
3rdDiv -----	Orion -----	68N -14E	096	19	19	19.0	21	21
	933 yds Conqueror -----	68N -18E	096	19	21	21.0	21	--
	1200 yds Thunderer -----	68N -20E	096	19	21	21.0	21	--
2ndLCS -----	Southampton -----	67N 18E	096	19	19	19.0	25	20
	screen Birmingham -----	60N 15E	006	19	19	19.0	23	--
	screen Nottingham -----	52N 16E	096	19	19	19.0	25	--
	4423 yds Dublin -----	48N 08E	106	19	20	17.4	20	--
3rdLCS -----	Falmouth -----	80N -17E	096	19	19	19.0	25	25
1stFlot -----	1st Flotilla (15)(15) -----	63N -09E	096	19	19	19.0	30	--
9thFlot -----	9th Flotilla (15)(15) -----	58N -09E	096	19	19	19.0	34	--
13thFlot -----	13th Flotilla (15)(15) -----	67N -08E	096	19	19	19.0	34	--

HITS

	Heavy caliber	Medium caliber
Lion -----	3 hits, 4 total	
Queen Mary -----	2 hits, 2 total	
Birmingham medium damage		
Dublin medium damage		
1 Derfflinger class -----	1 hit, 2 total	
2 Derfflinger class -----	1 hit, 1 total	

=====
 Turn 23 13:10 Hrs Real Time 09:31:15 AM 03/15/2021

REPORTS for Grand Fleet

Birmingham primary guns damaged
 New Zealand avoiding torpedoes (toward)
 Sighted Kasier class DN ----- 27N 45E, Crs 290, Spd 20 from Nottingham
 another ----- 26N 46E, Crs 290, Spd 20
 Sighted Helgoland class DN ----- 26N 46E, Crs 295, Spd 20 from Nottingham

Sighted 3 funneled cruiser ----- 51N 48E, Crs 290, Spd 20 from Nottingham
 Sighted 9 destroyers ----- 35N 43E, Crs 035, Spd 20 from Nottingham
 Indefatigable avoiding torpedoes (away)
 Queen Mary combing torpedoes (away)
 Apparent wind on Queen Elizabeth from SE at 15 knots (starboard bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	13,184		2	
Princess Royal ----->	2	Derfflinger -----	13,029		2	Lion/2ptsP
Queen Mary ----->	2	Derfflinger -----	12,821		2	Princess Royal/2ptsP
New Zealand ----->	3	Seydlitz -----	11,950	6		
Indefatigable ----->	1	Derfflinger -----	12,386	4	2	
Birmingham ----->	2	Frankfurt -----	8,134		3	Birmingham/Downwind/Range rate high
Nottingham ----->	1	Frankfurt -----	11,218	1	2	/Range rate high
Dublin ----->	2	Frankfurt -----	8,829		3	

fourth ship in enemy unit, Moltke class not under fire
 first ship in enemy unit, Konig class not under fire
 third ship in enemy unit, Konig class not under fire
 fourth ship in enemy unit, Konig class not under fire
 fourth ship in enemy unit, Kasier class not under fire
 first ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	54N 08E	251	28 19 18.8 28 28
indep.	Queen Mary -----	55N 10E	251	28 19 20.6 28 --
2ndBCS -----	New Zealand -----	56N 14E	175	17 17 21.6 26 26
indep.	Indefatigable -----	55N 11E	259	17 14 21.0 26 --
1stDiv -----	Queen Elizabeth -----	56N -09E	111	24 21 20.6 24 24
2ndDiv -----	King George V -----	61N -07E	111	21 20 19.2 21 21
1278 yds	Ajax -----	62N -11E	108	18 21 21.0 21 --
1530 yds	Erin -----	62N -13E	106	17 21 21.0 21 --
3rdDiv -----	Orion -----	65N -08E	110	21 20 19.4 21 21
640 yds	Conqueror -----	66N -11E	107	19 21 21.0 21 --
906 yds	Thunderer -----	67N -13E	105	19 21 21.0 21 --
2ndLCS -----	Southampton -----	70N 13E	282	20 20 18.2 25 20
3706 yds	Birmingham -----	63N 10E	337	19 18 17.2 23 --
6271 yds	Nottingham -----	57N 14E	324	19 19 17.0 25 --
9146 yds	Dublin -----	54N 06E	336	18 21 17.8 20 --
3rdLCS -----	Falmouth -----	77N -11E	116	25 22 21.6 25 25
1stFlot -----	1st Flotilla (15)(15) -----	58N -02E	111	19 19 19.6 30 --
9thFlot -----	9th Flotilla (15)(15) -----	54N -03E	111	21 21 20.6 34 --

13thFlot ---- 13th Flotilla (15)(15) --- 63N -02E 110 20 20 19.6 34 --

HITS	Heavy caliber	Medium caliber
Lion -----	2 hits, 6 total	
Princess Royal -----	1 hit, 1 total	
Queen Mary -----	1 hit, 3 total	
1 Derfflinger class -----	2 hits, 4 total	
4 Moltke class -----	3 hits, 3 total	

=====
Turn 24 13:15 Hrs Real Time 09:39:49 AM 03/15/2021

REPORTS for Grand Fleet

Princess Royal primary guns damaged
Sighted Helgoland class DN ----- 28N 41E, Crs 295, Spd 20 from New Zealand
Sighted Helgoland class DN ----- 28N 41E, Crs 295, Spd 20 from New Zealand
Sighted Helgoland class DN ----- 28N 41E, Crs 295, Spd 20 from New Zealand
Sighted 10 destroyers ----- 37N 39E, Crs 250, Spd 25 from Indefatigable
Apparent wind on Queen Elizabeth from SE at 17 knots (2 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	12,232		6	
Queen Mary ----->	2	Derfflinger -----	12,431			Derfflinger class
New Zealand ----->	3	Seydlitz -----	11,584			Derfflinger class
Indefatigable ----->	1	Derfflinger -----	10,584		2	New Zealand/1ptsP
Queen Elizabeth ----->	1	Derfflinger -----	15,385	2	6	/Range rate high
Barham ----->	1	Derfflinger -----	15,868	2	6	/Range rate high
Valiant ----->	2	Derfflinger -----	16,972	2	2	Derfflinger class/Range rate high
Warspite ----->	1	Derfflinger -----	16,837	2	6	/Range rate high
King George V ----->	2	Derfflinger -----	16,941	2	3	Princess Royal/Range rate high
Centurion ----->	2	Derfflinger -----	18,639	2	3	Lion/Range rate high
Erin ----->	1	Derfflinger -----	19,030	2	6	9th Flotilla (15)/Range rate high
Orion ----->	1	Derfflinger -----	18,411	2	5	1st Flotilla (15)/Range rate high
Monarch ----->	2	Derfflinger -----	19,438	2	5	1st Flotilla (15)/Range rate high
Dublin ----->	1	Stettin -----	12,206	1	3	
1st Flotilla (15) ----->	2	Bremen -----	6,795		5	
9th Flotilla (15)		target obscured byLion				
13th Flotilla (15) ----->	2	Bremen -----	8,962		7	Dublin
fourth ship in enemy unit, Moltke class not under fire						
first ship in enemy unit, Konig class not under fire						
second ship in enemy unit, Konig class not under fire						
third ship in enemy unit, Konig class not under fire						

second ship in enemy unit, Kasier class not under fire
 third ship in enemy unit, Kasier class not under fire
 fourth ship in enemy unit, Kasier class not under fire
 second ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	51N 05E	155	22	22	21.6	28	28
	853 yds Queen Mary -----	51N 04E	193	22	24	22.0	28	--
2ndBCS -----	New Zealand -----	54N 09E	247	23	16	15.0	26	26
	311 yds Indefatigable -----	54N 10E	249	15	10	10.8	26	--
1stDiv -----	Queen Elizabeth -----	54N -02E	111	24	23	22.2	24	24
2ndDiv -----	King George V -----	58N -01E	111	21	21	20.2	21	21
	1174 yds Ajax -----	59N -04E	110	18	21	21.0	21	--
	1412 yds Erin -----	60N -06E	109	17	21	21.0	21	--
3rdDiv -----	Orion -----	63N -02E	111	21	21	20.4	21	21
	792 yds Thunderer -----	65N -06E	109	19	21	21.0	21	--
2ndLCS -----	Southampton -----	71N 07E	283	20	20	20.0	25	20
	4168 yds Nottingham -----	63N 09E	319	20	22	21.6	25	--
	5952 yds Dublin -----	61N 03E	337	19	23	22.0	20	--
3rdLCS -----	Falmouth -----	73N -04E	115	25	24	23.2	25	25
1stFlot -----	1st Flotilla (15)(15) -----	56N 05E	111	20	20	20.0	30	--
9thFlot -----	9th Flotilla (15)(15) -----	52N 04E	111	22	22	21.8	34	--
13thFlot -----	13th Flotilla (15)(15) -----	61N 04E	111	21	21	20.2	34	--

HITS

	Heavy caliber	Medium caliber
Lion -----	2 hits, 8 total	
Princess Royal -----	2 hits, 3 total	
1 Derfflinger class -----	3 hits, 7 total	

=====

Turn 25 13:20 Hrs Real Time 09:40:49 AM 03/15/2021

REPORTS for Grand Fleet

Ajax seastate: secondary limited
 Apparent wind on Queen Elizabeth from NW at 19 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion -----	-> 1	Derfflinger -----	11,260		4	Indefatigable
Princess Royal -----	-> 2	Derfflinger -----	11,247		2	New Zealand
Queen Mary -----	-> 3	Seydlitz -----	10,878		3	Bremen class
New Zealand -----	-> 3	Seydlitz -----	10,692	4	3	New Zealand/Downwind

Indefatigable ----->	4 Moltke -----	10,305	2	
Queen Elizabeth ----->	1 Konig -----	17,795		Queen Mary/Downwind
Barham ----->	1 Derfflinger -----	14,727	4	Princess Royal/Downwind
Valiant ----->	2 Konig -----	17,108		Derfflinger class/Downwind
Warspite ----->	3 Konig -----	16,755		Derfflinger class/Downwind
King George V ----->	4 Konig -----	18,416		Lion/Downwind
Erin ----->	1 Derfflinger -----	16,288	4	Lion
Orion ----->	1 Derfflinger -----	17,245	4	
Monarch ----->	2 Derfflinger -----	17,142	2	1st Flotilla (15)
Conqueror ----->	3 Seydlitz -----	17,058	2	1st Flotilla (15)
Nottingham ----->	1 Stettin -----	13,939	1 6	Bremen class/Downwind/Range rate high
9th Flotilla (15) ----->	2 Bremen -----	9,526	4	9th Flotilla (15)/Downwind/Range rate

high

third ship in enemy unit, Kasier class not under fire
second ship in enemy unit, Helgoland class not under fire
third ship in enemy unit, Helgoland class not under fire
fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	57N 07E	024	28	17	15.8	28	28
	1190 yds Princess Royal -----	54N 05E	032	19	14	14.4	28	--
2ndBCS -----	New Zealand -----	54N 06E	024	16	12	16.2	26	26
	902 yds Indefatigable -----	54N 06E	292	17	12	12.4	26	--
1stDiv -----	Queen Elizabeth -----	59N -02E	351	24	18	17.8	24	24
2ndDiv -----	King George V -----	63N 00E	003	17	16	15.8	21	21
3rdDiv -----	Orion -----	68N 02E	035	19	17	16.4	21	21
2ndLCS -----	Southampton -----	78N 08E	035	16	16	15.8	25	20
	3106 yds Nottingham -----	70N 09E	005	20	22	21.8	25	--
	3749 yds Dublin -----	68N 06E	021	19	22	21.8	20	--
3rdLCS -----	Falmouth -----	75N 03E	074	25	22	22.0	25	25
1stFlot -----	1st Flotilla (15)(15) -----	62N 02E	326	30	22	19.6	30	--
9thFlot -----	9th Flotilla (15)(15) -----	59N 02E	335	34	23	20.8	34	--
13thFlot -----	13th Flotilla (15)(15) -----	63N -01E	266	34	23	20.6	34	--

HITS

	Heavy caliber	Medium caliber
Princess Royal -----	1 hit, 4 total	
Queen Mary -----	2 hits, 5 total	
New Zealand -----	2 hits, 3 total	
3 Seydlitz class -----	1 hit, 1 total	

=====
Turn 26 13:25 Hrs Real Time 09:41:51 AM 03/15/2021

REPORTS for Grand Fleet

Sighted 3 funneled cruiser ----- 30N 27E, Crs 005, Spd 20 from Indefatigable
 Sighted 9 destroyers ----- 39N 33E, Crs 000, Spd 30 from Queen Mary
 Apparent wind on Queen Elizabeth from N at 10 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	12,363	4	3	Lion/Downwind
Princess Royal ----->	2	Derfflinger -----	11,844		3	
Queen Mary ----->	3	Seydlitz -----	11,971	4	2	Queen Mary/Downwind
New Zealand ----->	2	Derfflinger -----	11,182	4	3	New Zealand/Downwind
Indefatigable ----->	4	Moltke -----	11,009	6	2	Indefatigable/Downwind
Queen Elizabeth ----->	1	Konig -----	18,241		2	Queen Mary
Barham ----->	1	Derfflinger -----	15,754		3	New Zealand/Downwind
Valiant ----->	2	Konig -----	18,131	4		Derfflinger class/Downwind
Warspite ----->	3	Konig -----	18,242	4		Indefatigable/Downwind
King George V ----->	4	Konig -----	18,725			Seydlitz class
Erin ----->	3	Konig -----	17,231			New Zealand/Downwind
Orion ----->	1	Derfflinger -----	16,490		3	
Monarch ----->	2	Derfflinger -----	16,641		3	Orion/5ptsS
Conqueror ----->	3	Seydlitz -----	16,792		2	Monarch/5ptsS

third ship in enemy unit, Kasier class not under fire
 fourth ship in enemy unit, Kasier class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	63N 06E	348	25 20 18.4 28 28
	1117 yds Princess Royal -----	60N 06E	358	21 19 17.0 28 --
2ndBCS -----	New Zealand -----	59N 07E	348	19 15 14.0 26 26
	845 yds Indefatigable -----	57N 06E	359	17 13 11.6 26 --
1stDiv -----	Queen Elizabeth -----	65N 00E	035	18 18 18.6 24 24
2ndDiv -----	King George V -----	69N 02E	035	18 18 17.6 21 21
	702 yds Centurion -----	66N 02E	016	17 18 16.6 21 --
	1655 yds Erin -----	63N 02E	012	16 16 14.0 21 --
3rdDiv -----	Orion -----	73N 05E	035	19 19 18.0 21 21
2ndLCS -----	Southampton -----	82N 12E	035	18 18 17.6 25 20
	1699 yds Nottingham -----	77N 11E	017	20 23 22.8 25 --
	2796 yds Dublin -----	75N 09E	025	19 23 22.8 20 --
3rdLCS -----	Falmouth -----	78N 10E	071	22 22 22.0 25 25
1stFlot -----	1st Flotilla (15)(15) -----	70N 05E	016	30 26 24.4 30 --
9thFlot -----	9th Flotilla (15)(15) -----	67N 04E	012	34 30 26.6 34 --
13thFlot -----	13th Flotilla (15)(15) -----	70N 01E	025	34 24 21.8 34 --

HITS	Heavy caliber	Medium caliber
Lion -----	2 hits, 10 total	
Queen Mary -----	1 hit, 6 total	
New Zealand -----	2 hits, 5 total	
Queen Elizabeth -----	1 hit, 1 total	
Warspite -----	1 hit, 1 total	
King George V -----	1 hit, 1 total	
1 Derfflinger class -----	1 hit, 8 total	
2 Derfflinger class -----	2 hits, 3 total	
1 Konig class -----	1 hit, 1 total	

=====

Turn 27 13:30 Hrs Real Time 09:42:50 AM 03/15/2021

REPORTS for Grand Fleet

9th Flotilla (15) turns away to NW due to heavy shells
 Lion fire control damage
 Apparent wind on Queen Elizabeth from ENE at 7 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	11,897		4	
Princess Royal ----->	1	Derfflinger -----	11,393		4	Queen Mary
Queen Mary ----->	3	Seydlitz -----	12,150		3	
New Zealand ----->	3	Seydlitz -----	11,949		3	
Indefatigable ----->	4	Moltke -----	11,081		2	
Queen Elizabeth ----->	1	Konig -----	16,756		3	Derfflinger class
Barham ----->	1	Derfflinger -----	14,801		4	Queen Mary
Valiant ----->	1	Konig -----	16,620		3	Princess Royal
Warspite ----->	2	Konig -----	16,835		2	Seydlitz class
King George V ----->	4	Konig -----	17,505			Moltke class/Range rate high
Ajax ----->	1	Konig -----	16,526		3	Derfflinger class/Range rate high
Centurion ----->	2	Konig -----	17,014		2	Lion
Erin ----->	3	Konig -----	16,145		2	Queen Mary
Orion ----->	1	Derfflinger -----	13,508		4	Funnel/Range rate high
Monarch ----->	3	Konig -----	16,552		2	Seydlitz class/Range rate high
Conqueror ----->	3	Seydlitz -----	14,523		3	1st Flotilla (15)/Range rate high
Thunderer ----->	4	Moltke -----	15,052		2	Funnel/Range rate high
second ship in enemy unit, Derfflinger class not under fire						
first ship in enemy unit, Kasier class not under fire						
second ship in enemy unit, Kasier class not under fire						
third ship in enemy unit, Kasier class not under fire						

second ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	70N 08E	021	23	23	21.4	28	28
1013 yds	Princess Royal -----	67N 08E	018	24	24	22.0	28	--
2ndBCS -----	New Zealand -----	66N 07E	021	22	20	18.0	26	26
1734 yds	Indefatigable -----	62N 07E	010	17	18	16.0	26	--
1stDiv -----	Queen Elizabeth -----	71N 03E	068	19	19	19.2	24	24
1048 yds	Warspite -----	68N 01E	027	19	19	17.0	24	--
2ndDiv -----	King George V -----	73N 06E	068	18	16	16.8	21	21
1714 yds	Erin -----	69N 04E	032	18	18	17.6	21	--
3rdDiv -----	Orion -----	75N 11E	068	19	18	17.8	21	21
2ndLCS -----	Southampton -----	83N 19E	083	20	20	19.8	25	20
1589 yds	Dublin -----	80N 15E	054	19	24	24.0	20	--
3rdLCS -----	Falmouth -----	76N 18E	101	25	22	21.6	25	25
1stFlot -----	1st Flotilla (15)(15) -----	77N 11E	042	30	27	26.6	30	--
9thFlot -----	9th Flotilla (15)(15) -----	73N -01E	306	34	25	25.8	34	--
13thFlot -----	13th Flotilla (15)(15) -----	77N 08E	046	34	31	28.8	34	--

HITS

	Heavy caliber	Medium caliber
Lion -----	2 hits, 12 total	
Lion medium damage		
Princess Royal -----	3 hits, 7 total	
New Zealand -----	2 hits, 7 total	
New Zealand medium damage		
Queen Elizabeth -----	1 hit, 2 total	
Barham -----	3 hits, 3 total	
2 Derfflinger class -----	1 hit, 4 total	
4 Moltke class -----	3 hits, 6 total	

=====

Turn 28 13:35 Hrs Real Time 09:43:48 AM 03/15/2021

REPORTS for Grand Fleet

Apparent wind on Queen Elizabeth from ENE at 7 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	11,631		3	
Princess Royal ----->	2	Derfflinger -----	11,657			Lion/3ptsS
Queen Mary ----->	3	Seydlitz -----	11,666		2	Princess Royal/3ptsS
New Zealand ----->	3	Seydlitz -----	11,816		2	Queen Mary/3ptsS

Indefatigable ----->	4 Moltke -----	11,104	2	
Queen Elizabeth ----->	1 Konig -----	15,234		Queen Mary
Barham ----->	1 Derfflinger -----	14,253	3	New Zealand
Valiant ----->	2 Konig -----	15,809	3	Erin
Warspite ----->	2 Konig -----	16,058	3	Moltke class
King George V ----->	4 Konig -----	14,508	2	
Ajax ----->	3 Konig -----	14,764	3	Princess Royal
Centurion ----->	2 Konig -----	14,849	3	Princess Royal
Erin ----->	3 Konig -----	14,740	3	New Zealand
Orion ----->	1 Derfflinger -----	11,853	3	Funnel
Monarch ----->	3 Konig -----	13,898	3	Moltke class
Conqueror ----->	4 Konig -----	14,173	2	Funnel
Thunderer ----->	4 Moltke -----	12,419	2	Funnel
Falmouth ----->	S53 Torpedoboat -----	12,335	3	
Yarmouth ----->	S53 Torpedoboat -----	12,633	3	
Birkenhead ----->	S53 Torpedoboat -----	12,942	4	
Gloucester ----->	S53 Torpedoboat -----	13,264	4	

first ship in enemy unit, Kasier class not under fire
 second ship in enemy unit, Kasier class not under fire
 third ship in enemy unit, Kasier class not under fire
 fourth ship in enemy unit, Kasier class not under fire
 first ship in enemy unit, Helgoland class not under fire
 second ship in enemy unit, Helgoland class not under fire
 third ship in enemy unit, Helgoland class not under fire
 fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	74N 14E	049	21	21	21.2	28	28
2ndBCS -----	New Zealand -----	72N 11E	049	21	21	21.0	26	26
	1685 yds Indefatigable -----	68N 10E	032	17	22	20.8	26	--
1stDiv -----	Queen Elizabeth -----	74N 08E	068	19	19	18.6	24	24
2ndDiv -----	King George V -----	76N 12E	068	19	18	17.6	21	21
	533 yds Ajax -----	75N 10E	068	17	17	15.8	21	--
	367 yds Centurion -----	75N 10E	068	17	17	15.8	21	--
	823 yds Erin -----	73N 09E	054	18	20	19.2	21	--
3rdDiv -----	Orion -----	77N 16E	068	19	19	18.8	21	21
2ndLCS -----	Southampton -----	84N 25E	085	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	76N 24E	094	21	21	20.8	25	25
1stFlot -----	1st Flotilla (15)(15) -----	82N 17E	068	19	19	20.6	30	--
9thFlot -----	9th Flotilla (15)(15) -----	78N 06E	065	34	25	23.0	34	--
13thFlot -----	13th Flotilla (15)(15) -----	81N 15E	068	19	19	21.2	34	--

HITS	Heavy caliber	Medium caliber
Princess Royal -----	1 hit, 8 total	
New Zealand -----	2 hits, 9 total	
Barham -----	1 hit, 4 total	
Warspite -----	3 hits, 4 total	
Erin -----	1 hit, 1 total	
1 Derfflinger class -----	6 hits, 14 total	
2 Derfflinger class -----	1 hit, 5 total	
3 Seydlitz class -----	5 hits, 6 total	
4 Moltke class -----	7 hits, 13 total	
2 Konig class -----	1 hit, 1 total	
3 Konig class -----	3 hits, 3 total	
4 Konig class -----	3 hits, 3 total	

=====

Turn 29 13:40 Hrs Real Time 09:54:43 AM 03/15/2021

Wind WSW at 12 knots, veering

REPORTS for Grand Fleet

Warspite primary guns damaged
Lion fire control damage
Valiant secondary magazine lost
Apparent wind on Queen Elizabeth from E at 8 knots (2 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	10,087			
Princess Royal ----->	2	Derfflinger -----	10,351			
Queen Mary ----->	3	Seydlitz -----	10,616		2	
New Zealand ----->	3	Seydlitz -----	11,070	6	2	
Indefatigable ----->	4	Moltke -----	11,302	6	2	
Queen Elizabeth ----->	1	Konig -----	13,057	4		Moltke class
Barham ----->	2	Konig -----	13,405	4	3	
Valiant ----->	2	Konig -----	13,774	4	3	
King George V ----->	4	Konig -----	12,940		3	Princess Royal
Ajax ----->	4	Konig -----	13,340		3	New Zealand
Centurion ----->	2	Konig -----	13,267		3	New Zealand
Erin ----->	1	Kasier -----	13,488			
Orion ----->	2	Kasier -----	14,449			/Downwind
Monarch ----->	3	Kasier -----	15,095			Monarch/Downwind
Conqueror ----->	4	Konig -----	13,432		3	Conqueror/Downwind
Thunderer ----->	4	Moltke -----	11,881		2	
Falmouth ----->	S53	Torpedoboat -----	12,247		3	

Yarmouth -----> S53 Torpedoboat -----11,941 3
 Birkenhead -----> S53 Torpedoboat -----11,687 3
 fourth ship in enemy unit, Kasier class not under fire
 second ship in enemy unit, Helgoland class not under fire
 third ship in enemy unit, Helgoland class not under fire
 fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	76N 22E	081	19	20	21.2	28	28
2ndBCS -----	New Zealand -----	76N 18E	081	21	21	21.2	26	26
	1524 yds Indefatigable -----	73N 15E	063	17	24	23.4	26	--
1stDiv -----	Queen Elizabeth -----	75N 15E	081	19	19	19.6	24	24
2ndDiv -----	King George V -----	79N 17E	028	18	16	17.4	21	21
3rdDiv -----	Orion -----	83N 19E	028	19	18	17.8	21	21
2ndLCS -----	Southampton -----	90N 27E	013	20	20	18.8	25	20
3rdLCS -----	Falmouth -----	82N 27E	024	22	22	19.4	25	25
1stFlot -----	1st Flotilla (15)(15) -----	86N 17E	028	18	15	16.2	30	--
9thFlot -----	9th Flotilla (15)(15) -----	85N 12E	039	34	31	29.2	34	--
13thFlot -----	13th Flotilla (15)(15) -----	85N 16E	028	18	18	18.8	34	--

HITS

	Heavy caliber	Medium caliber
Lion -----	8 hits, 20 total	
Princess Royal -----	5 hits, 13 total	
New Zealand -----	1 hit, 10 total	
Queen Elizabeth -----	2 hits, 4 total	
Barham -----	8 hits, 12 total	
Valiant -----	2 hits, 2 total	
Warspite -----	4 hits, 8 total	
Erin -----	2 hits, 3 total	
1 Derfflinger class -----	4 hits, 18 total	
2 Derfflinger class -----	6 hits, 11 total	
3 Seydlitz class -----	2 hits, 8 total	
4 Moltke class -----	7 hits, 20 total	
1 Konig class -----	1 hit, 2 total	
2 Konig class -----	2 hits, 3 total	
3 Konig class -----	5 hits, 8 total	
4 Konig class -----	1 hit, 4 total	

=====

Turn 30 13:45 Hrs Real Time 09:55:48 AM 03/15/2021

REPORTS for Grand Fleet

Lion machinery damaged
 Valiant W/T inoperable
 Princess Royal machinery damaged
 Warspite primary guns damaged
 Apparent wind on Queen Elizabeth from N at 13 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	8,056	4	3	
Princess Royal ----->	2	Derfflinger -----	8,346	4		
Queen Mary ----->	3	Seydlitz -----	8,639	4		
New Zealand ----->	1	Derfflinger -----	9,466	4	3	
Indefatigable ----->	4	Moltke -----	9,816	6	2	
Queen Elizabeth ----->	1	Konig -----	12,744		2	Erin
Barham ----->	2	Konig -----	12,677		3	Indefatigable
Valiant ----->	1	Konig -----	12,707		2	Indefatigable
Warspite ----->	2	Konig -----	12,637		3	Valiant
King George V ----->	4	Konig -----	13,340		2	Thunderer
Ajax ----->	3	Konig -----	13,092			King George V
Centurion ----->	2	Konig -----	12,880		3	Queen Mary
Erin ----->	1	Derfflinger -----	12,675		3	Princess Royal
Orion ----->	2	Kasier -----	14,745			
Monarch ----->	3	Kasier -----	15,042			Kasier class
Conqueror ----->	4	Konig -----	13,716		2	
Thunderer ----->	4	Moltke -----	12,685		2	Conqueror
Falmouth ----->	S53	Torpedoboat -----	13,907		2	Derfflinger class/Range rate high
		first ship in enemy unit, Kasier class not under fire				
		fourth ship in enemy unit, Kasier class not under fire				
		first ship in enemy unit, Helgoland class not under fire				
		second ship in enemy unit, Helgoland class not under fire				
		third ship in enemy unit, Helgoland class not under fire				
		fourth ship in enemy unit, Helgoland class not under fire				

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	77N 28E	081	19 19 19.0 27 27
2ndBCS -----	New Zealand -----	77N 25E	081	19 19 19.2 26 26
1stDiv -----	Queen Elizabeth -----	80N 18E	028	19 19 17.6 24 24
2ndDiv -----	King George V -----	84N 20E	028	19 18 17.6 21 21
	334 yds Erin -----	81N 18E	028	17 17 15.8 21 --
3rdDiv -----	Orion -----	88N 22E	028	19 19 18.8 21 21
	300 yds Conqueror -----	86N 21E	028	18 18 17.6 21 --
	300 yds Thunderer -----	85N 21E	028	18 18 17.6 21 --

2ndLCS	----- Southampton	-----	97N 29E	017	20	20	20.0	25	20
3rdLCS	----- Falmouth	-----	88N 30E	024	22	22	21.2	25	25
1stFlot	----- 1st Flotilla (15)(15)	----	92N 20E	028	19	19	18.4	30	--
9thFlot	----- 9th Flotilla (15)(15)	----	93N 18E	028	19	19	23.8	34	--
13thFlot	----- 13th Flotilla (15)(15)	---	90N 19E	028	19	19	18.6	34	--

HITS	Heavy caliber	Medium caliber
Lion	3 hits, 23 total	
Princess Royal	6 hits, 19 total	
Princess Royal medium damage		
New Zealand	2 hits, 12 total	
Queen Elizabeth	3 hits, 7 total	
Barham	2 hits, 14 total	
Valiant	6 hits, 8 total	
Warspite	5 hits, 13 total	
Warspite medium damage		
Ajax	1 hit, 1 total	
Erin	3 hits, 6 total	
2 Derfflinger class	6 hits, 17 total	
3 Seydlitz class	10 hits, 18 total	
4 Moltke class	6 hits, 26 total	
1 Konig class	2 hits, 4 total	
2 Konig class	3 hits, 6 total	
3 Konig class	1 hit, 9 total	
4 Konig class	8 hits, 12 total	
1 Kasier class	4 hits, 4 total	
2 Kasier class	2 hits, 2 total	
3 Kasier class	1 hit, 1 total	

=====

Turn 31 13:50 Hrs Real Time 09:56:54 AM 03/15/2021
Wind WSW at 12 knots, veering

REPORTS for Grand Fleet

Valiant primary guns damaged
Valiant W/T inoperable
Erin secondary magazine fire
Erin maximum speed reduced by flooding
Queen Mary avoiding torpedoes (away)
Lion maximum speed reduced by flooding
Erin recommends reducing speed to limit flooding
Queen Mary combing torpedoes (away)
Princess Royal maximum speed reduced by flooding

Apparent wind on Queen Elizabeth from NNW at 14 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	10,227		2	
Princess Royal ----->	2	Derfflinger -----	9,758		2	Lion
Queen Mary ----->	3	Seydlitz -----	9,600	4		Queen Mary/Downwind/Range rate high
New Zealand ----->	1	Derfflinger -----	9,878		2	
Indefatigable ----->	2	Derfflinger -----	9,440		2	New Zealand
Queen Elizabeth ----->	1	Konig -----	14,192		3	Queen Mary
Barham ----->	1	Konig -----	14,150		3	Queen Elizabeth
Valiant ----->	1	Konig -----	14,126		3	New Zealand
Warspite ----->	2	Konig -----	13,833			Indefatigable
King George V ----->	4	Konig -----	14,158		2	Lion
Ajax ----->	3	Konig -----	14,122		2	
Centurion ----->	3	Konig -----	13,991		2	Princess Royal
Erin ----->	4	Konig -----	13,716		3	Centurion
Orion ----->	2	Kasier -----	15,065			
Monarch ----->	3	Kasier -----	15,006			Lion/Downwind
Conqueror ----->	4	Konig -----	14,641		3	
Thunderer ----->	4	Moltke -----	14,083			Conqueror
first ship in enemy unit, Kasier class not under fire						
fourth ship in enemy unit, Kasier class not under fire						
first ship in enemy unit, Helgoland class not under fire						
second ship in enemy unit, Helgoland class not under fire						
third ship in enemy unit, Helgoland class not under fire						
fourth ship in enemy unit, Helgoland class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	83N 29E	012	27	19	18.0	23	23
indep.	Queen Mary -----	81N 27E	335	27	16	18.0	28	--
2ndBCS -----	New Zealand -----	80N 29E	012	18	16	18.4	26	26
1stDiv -----	Queen Elizabeth -----	86N 21E	028	19	19	19.0	24	24
2ndDiv -----	King George V -----	90N 23E	028	12	16	17.8	21	12
3rdDiv -----	Orion -----	94N 25E	028	19	19	19.0	21	21
2ndLCS -----	Southampton -----	103N 31E	022	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	95N 33E	025	21	21	20.8	25	25
1stFlot -----	1st Flotilla (15)(15) ----	97N 23E	028	19	19	19.0	30	--
9thFlot -----	9th Flotilla (15)(15) ----	98N 21E	028	19	19	19.0	34	--
13thFlot -----	13th Flotilla (15)(15) ---	96N 22E	028	19	19	19.0	34	--

HITS

Heavy caliber

Medium caliber

```

Lion ----- 5 hits, 28 total
Princess Royal ----- 6 hits, 25 total
New Zealand ----- 4 hits, 16 total
Queen Elizabeth ----- 2 hits, 9 total
Barham ----- 4 hits, 18 total
Valiant ----- 8 hits, 16 total
Valiant medium damage
Warspite ----- 5 hits, 18 total
Ajax ----- 5 hits, 6 total
Erin ----- 5 hits, 11 total
Erin heavy damage
3 Seydlitz class ----- 4 hits, 22 total
4 Moltke class ----- 1 hit, 27 total
1 Konig class ----- 3 hits, 7 total
2 Konig class ----- 2 hits, 8 total
3 Konig class ----- 2 hits, 11 total
4 Konig class ----- 4 hits, 16 total
3 Kasier class ----- 6 hits, 7 total

```

```

=====
Turn 32          13:55 Hrs      Real Time 09:58:00 AM 03/15/2021

```

REPORTS for Grand Fleet

```

Queen Elizabeth primary guns damaged
Princess Royal avoiding torpedoes (away)
Erin maximum speed reduced by flooding
Barham fire control damage
Ajax secondary magazine fire
Lion maximum speed reduced by flooding
Barham engine disabled
Ajax primary guns damaged
Apparent wind on Queen Elizabeth from NNW at 18 knots (port bow)

```

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	12,949		4	
Princess Royal ----->	2	Derfflinger -----	12,620			
Queen Mary ----->	1	Derfflinger -----	12,896		4	
New Zealand ----->	1	Derfflinger -----	12,708		4	
Indefatigable ----->	1	Derfflinger -----	12,634		4	
Queen Elizabeth ----->	1	Konig -----	16,517		2	Princess Royal
Barham ----->	1	Konig -----	16,352		2	New Zealand
Valiant ----->	2	Konig -----	15,970		2	Queen Mary

Warspite ----->	2 Konig -----	15,820	2	Valiant/5ptsS
King George V ----->	4 Konig -----	15,721	2	Lion
Ajax ----->	3 Konig -----	15,951	2	
Orion ----->	2 Kasier -----	14,570		Funnel
Monarch ----->	3 Kasier -----	14,767		Funnel
Conqueror ----->	4 Konig -----	15,105	2	Funnel
Thunderer ----->	4 Moltke -----	15,566		Funnel
Falmouth ----->	S13 Torpedoboat -----	13,705	4	

third ship in enemy unit, Seydlitz class not under fire
first ship in enemy unit, Kasier class not under fire
fourth ship in enemy unit, Kasier class not under fire
first ship in enemy unit, Helgoland class not under fire
second ship in enemy unit, Helgoland class not under fire
third ship in enemy unit, Helgoland class not under fire
fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	90N 32E	020	22	22	21.6	22	22
	625 yds Princess Royal -----	88N 31E	022	19	19	18.4	23	--
	1259 yds Queen Mary -----	86N 30E	023	20	17	15.8	28	--
2ndBCS -----	New Zealand -----	87N 31E	020	23	21	19.0	26	26
	669 yds Indefatigable -----	85N 30E	018	19	20	18.0	26	--
1stDiv -----	Queen Elizabeth -----	93N 23E	015	23	21	20.6	24	22
2ndDiv -----	King George V -----	94N 27E	080	17	15	16.6	21	21
	dropped Erin -----	91N 24E	028	08	11	13.0	08	--
3rdDiv -----	Orion -----	95N 31E	080	19	18	17.4	21	21
2ndLCS -----	Southampton -----	103N 38E	092	20	20	19.2	25	20
3rdLCS -----	Falmouth -----	92N 39E	109	18	18	17.4	25	25
1stFlot -----	1st Flotilla (15)(15) -----	99N 30E	080	30	25	21.8	30	--
9thFlot -----	9th Flotilla (15)(15) -----	100N 28E	078	34	26	22.6	34	--
13thFlot -----	13th Flotilla (15)(15) -----	98N 30E	080	19	19	21.2	34	--

HITS

	Heavy caliber	Medium caliber
Lion -----	4 hits, 32 total	
Princess Royal -----	1 hit, 26 total	
New Zealand -----	1 hit, 17 total	
Queen Elizabeth -----	4 hits, 13 total	
Barham -----	6 hits, 24 total	
Barham medium damage		
Valiant -----	5 hits, 21 total	
King George V -----	2 hits, 3 total	
Ajax -----	5 hits, 11 total	


```

Ajax medium damage
Erin ----- 3 hits, 14 total
1 Derfflinger class ----- 8 hits, 26 total
2 Derfflinger class ----- 1 hit, 18 total
4 Moltke class ----- 1 hit, 28 total
1 Konig class ----- 1 hit, 8 total
3 Konig class ----- 2 hits, 13 total
4 Konig class ----- 2 hits, 18 total
2 Kasier class ----- 2 hits, 4 total

```

```

=====
Turn 33          13:60 Hrs      Real Time 09:59:03 AM 03/15/2021

```

REPORTS for Grand Fleet

```

Erin SINKS, position 91N 24E
Apparent wind on Queen Elizabeth from E at 6 knots (ahead)

```

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	13,065		3	Gloucester
Princess Royal ----->	2	Derfflinger -----	13,125		2	Lion/5ptsS
Queen Mary ----->	1	Derfflinger -----	12,918		3	
New Zealand ----->	1	Derfflinger -----	12,874		3	
Indefatigable ----->	2	Derfflinger -----	12,891		2	
Queen Elizabeth ----->	1	Konig -----	15,111	4	2	
Barham ----->	1	Konig -----	15,584	4	2	Queen Mary
Valiant ----->	2	Konig -----	15,946	4	2	Queen Mary
Warspite ----->	2	Konig -----	16,317	2	2	Indefatigable
King George V ----->	4	Konig -----	14,129		2	Princess Royal
Ajax ----->	3	Konig -----	14,479		2	
Centurion ----->	3	Konig -----	14,764		2	New Zealand
Orion ----->	2	Kasier -----	13,685			Funnel
Monarch ----->	3	Kasier -----	13,870			Kasier class
Conqueror ----->	4	Konig -----	13,632		2	Funnel
Thunderer ----->	4	Moltke -----	14,108			Lion
Gloucester ----->	1	Frankfurt -----	10,808			S53 Torpedoboat class

third ship in enemy unit, Seydlitz class not under fire
first ship in enemy unit, Kasier class not under fire
fourth ship in enemy unit, Kasier class not under fire
first ship in enemy unit, Helgoland class not under fire
second ship in enemy unit, Helgoland class not under fire
third ship in enemy unit, Helgoland class not under fire
fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS	Lion	96N 35E	080	17	19	20.8	22	22
	1715 yds Queen Mary	92N 33E	044	23	22	20.0	28	--
2ndBCS	New Zealand	93N 33E	023	21	21	21.4	26	26
1stDiv	Queen Elizabeth	94N 29E	080	19	18	17.2	24	22
2ndDiv	King George V	95N 33E	080	19	18	17.2	21	21
	467 yds Ajax	95N 31E	080	17	17	15.0	21	--
	400 yds Centurion	95N 30E	080	17	17	15.4	21	--
3rdDiv	Orion	96N 37E	080	19	19	18.6	21	21
	334 yds Conqueror	95N 35E	080	18	18	17.2	21	--
	334 yds Thunderer	95N 34E	080	18	18	17.2	21	--
2ndLCS	Southampton	102N 44E	092	20	20	20.0	25	20
3rdLCS	Falmouth	91N 45E	080	19	19	18.8	25	25
1stFlot	1st Flotilla (15)(15)	100N 39E	080	19	19	20.4	30	--
9thFlot	9th Flotilla (15)(15)	102N 38E	080	19	19	25.2	34	--
13thFlot	13th Flotilla (15)(15)	100N 37E	080	19	19	18.4	34	--

HITS

	Heavy caliber	Medium caliber
Lion	1 hit, 33 total	
Princess Royal	3 hits, 29 total	
New Zealand	1 hit, 18 total	
Queen Elizabeth	3 hits, 16 total	
Queen Elizabeth	medium damage	
Barham	3 hits, 27 total	
Valiant	3 hits, 24 total	
Warspite	1 hit, 19 total	
King George V	2 hits, 5 total	
Ajax	5 hits, 16 total	
1 Derfflinger class	2 hits, 28 total	
2 Derfflinger class	6 hits, 24 total	
4 Moltke class	4 hits, 32 total	
1 Konig class	1 hit, 9 total	
3 Konig class	1 hit, 14 total	
4 Konig class	4 hits, 22 total	
2 Kasier class	3 hits, 7 total	
3 Kasier class	2 hits, 9 total	

=====
 Turn 34 14:05 Hrs Real Time 07:16:24 AM 03/16/2021

REPORTS for Grand Fleet

New Zealand maximum speed reduced by flooding
 Barham maximum speed reduced by flooding
 Lion primary guns damaged
 Yarmouth boiler damaged
 Yarmouth primary guns damaged
 Apparent wind on Queen Elizabeth from E at 7 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	9,605	4		Yarmouth
Princess Royal ----->	2	Derfflinger -----	10,121	4	2	Birkenhead
Queen Mary ----->	3	Seydlitz -----	10,640	4		Gloucester
New Zealand ----->	4	Moltke -----	11,391	4		Queen Mary
Indefatigable ----->	2	Derfflinger -----	11,579	4	2	
Queen Elizabeth ----->	1	Konig -----	12,114	4		
Barham ----->	2	Konig -----	12,574	4		
Valiant ----->	3	Konig -----	13,476	4	3	
Warspite ----->	4	Konig -----	13,784	2	2	
King George V ----->	4	Konig -----	11,006		2	
Ajax ----->	3	Konig -----	11,581		3	
Centurion ----->	3	Konig -----	11,878		3	
Orion ----->	2	Kasier -----	10,960			Funnel
Monarch ----->	3	Kasier -----	11,514			Funnel
Conqueror ----->	4	Kasier -----	11,797			Funnel
Thunderer ----->	1	Helgoland -----	12,204			Funnel
Nottingham ----->	1	Frankfurt -----	11,513		5	/Range rate high
Dublin ----->	3	Ebling -----	12,458			/Range rate high
Falmouth ----->	1	Frankfurt -----	6,529		6	Moltke class
Yarmouth ----->	2	Frankfurt -----	7,050			
Birkenhead ----->	1	Frankfurt -----	7,051		6	Moltke class
Gloucester ----->	1	Frankfurt -----	7,349		6	Moltke class

first ship in enemy unit, Kasier class not under fire
 second ship in enemy unit, Helgoland class not under fire
 third ship in enemy unit, Helgoland class not under fire
 fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Lion -----	97N 42E	080	19 19 17.8 22 22
2ndBCS -----	New Zealand -----	96N 38E	080	19 17 17.4 21 21
1stDiv -----	Queen Elizabeth -----	95N 35E	080	19 19 19.0 24 20
2ndDiv -----	King George V -----	96N 39E	080	19 19 18.8 21 21
	667 yds Ajax -----	96N 37E	080	18 19 18.0 21 --

600 yds	Centurion -----	96N 36E	080	18	19	18.0	21	--
3rdDiv	Orion -----	97N 43E	080	19	19	19.0	21	21
2ndLCS	Southampton -----	102N 51E	090	20	20	20.0	25	20
3rdLCS	Falmouth -----	93N 52E	080	19	19	19.0	25	24
1stFlot	1st Flotilla (15)(15) ----	101N 45E	080	19	19	19.0	30	--
9thFlot	9th Flotilla (15)(15) ----	103N 44E	080	19	19	19.0	34	--
13thFlot	13th Flotilla (15)(15) ---	101N 43E	080	19	19	19.0	34	--

HITS	Heavy caliber	Medium caliber
Lion -----	4 hits, 37 total	
Lion heavy damage		
Princess Royal -----	1 hit, 30 total	
New Zealand -----	4 hits, 22 total	
Queen Elizabeth -----	5 hits, 21 total	
Barham -----	10 hits, 37 total	
Valiant -----	2 hits, 26 total	
Warspite -----	1 hit, 20 total	
King George V -----	2 hits, 7 total	
Ajax -----	1 hit, 17 total	
1 Derfflinger class -----	2 hits, 30 total	
2 Derfflinger class -----	1 hit, 25 total	
3 Seydlitz class -----	2 hits, 24 total	
4 Moltke class -----	3 hits, 35 total	
1 Konig class -----	1 hit, 10 total	
2 Konig class -----	1 hit, 9 total	
3 Konig class -----	4 hits, 18 total	
4 Konig class -----	2 hits, 24 total	
2 Kasier class -----	2 hits, 9 total	
3 Kasier class -----	2 hits, 11 total	
4 Kasier class -----	2 hits, 2 total	
1 Helgoland class -----	1 hit, 1 total	

=====

Turn 35 14:10 Hrs Real Time 07:17:22 AM 03/16/2021

REPORTS for Grand Fleet

Lion maximum speed reduced by flooding
New Zealand maximum speed reduced by flooding
Lion primary guns damaged
Falmouth turns away to NW due to close range
Warspite primary guns damaged
King George V seastate: secondary limited
Centurion seastate: secondary limited

Barham maximum speed reduced by flooding
 Apparent wind on Queen Elizabeth from N at 11 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	7,857	2	2	
Princess Royal ----->	2	Derfflinger -----	8,080	2	2	Gloucester
Queen Mary ----->	1	Derfflinger -----	9,162	4	2	Birkenhead
New Zealand ----->	2	Derfflinger -----	9,483	2	3	King George V
Indefatigable ----->	2	Derfflinger -----	9,981	2	3	Queen Mary
Queen Elizabeth ----->	1	Konig -----	9,891	2		Centurion
Barham ----->	2	Konig -----	10,176	2		
Valiant ----->	3	Konig -----	10,468	2		
King George V ----->	4	Konig -----	8,478			Queen Mary
Ajax ----->	1	Kasier -----	8,504			King George V
Centurion ----->	2	Kasier -----	8,901		2	Ajax
Orion ----->	2	Kasier -----	9,527		2	
Monarch ----->	3	Kasier -----	9,584			
Conqueror ----->	4	Kasier -----	9,044			
Thunderer ----->	1	Helgoland -----	9,430			Lion
Birmingham ----->	2	Frankfurt -----	10,076		2	Moltke class
Nottingham ----->	2	Frankfurt -----	9,877		4	Moltke class
Dublin ----->	3	Ebling -----	9,908		2	Nottingham/5ptsS
Falmouth ----->	3	Ebling -----	6,998	1	2	Gloucester
Yarmouth ----->	2	Frankfurt -----	6,567	1	4	Birkenhead
Birkenhead ----->	4	Ebling -----	6,281	1	2	Konig class
Gloucester ----->	1	Frankfurt -----	5,482	1	3	Gloucester/Downwind

fourth ship in enemy unit, Moltke class not under fire
 second ship in enemy unit, Helgoland class not under fire
 third ship in enemy unit, Helgoland class not under fire
 fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)			
1stBCS -----	Lion -----	95N 48E	089	19	19	19.2	21 21
2ndBCS -----	New Zealand -----	96N 45E	089	19	19	19.0	21 21
1stDiv -----	Queen Elizabeth -----	96N 41E	045	19	19	19.4	24 19
	930 yds Warspite -----	95N 38E	090	19	20	19.6	24 --
2ndDiv -----	King George V -----	98N 45E	045	18	17	17.8	21 21
3rdDiv -----	Orion -----	101N 48E	045	19	18	17.8	21 21
2ndLCS -----	Southampton -----	107N 55E	042	19	19	19.2	25 20
3rdLCS -----	Falmouth -----	97N 50E	318	22	17	18.2	25 24
1stFlot -----	1st Flotilla (15)(15) -----	106N 46E	045	18	18	17.6	30 --

9thFlot ----- 9th Flotilla (15)(15) ---- 107N 45E 045 18 18 18.8 34 --
 13thFlot ---- 13th Flotilla (15)(15) --- 104N 45E 045 18 18 18.8 34 --

HITS	Heavy caliber	Medium caliber
Lion -----	7 hits, 44 total	
New Zealand -----	1 hit, 23 total	
Queen Elizabeth -----	4 hits, 25 total	
Barham -----	4 hits, 41 total	
Valiant -----	3 hits, 29 total	
Warspite -----	7 hits, 27 total	
Warspite heavy damage		
King George V -----	1 hit, 8 total	
Ajax -----	6 hits, 23 total	
Orion primary ammo low		
Yarmouth medium damage		
1 Konig class -----	2 hits, 12 total	
3 Konig class -----	1 hit, 19 total	
4 Konig class -----	5 hits, 29 total	
2 Kasier class -----	9 hits, 18 total	
3 Kasier class -----	3 hits, 14 total	
4 Kasier class -----	1 hit, 3 total	
1 Helgoland class -----	1 hit, 2 total	

=====
 Turn 36 14:15 Hrs Real Time 07:18:22 AM 03/16/2021

REPORTS for Grand Fleet

Birkenhead primary guns damaged
 Barham primary guns damaged
 Lion maximum speed reduced by flooding
 Indefatigable avoiding torpedoes (toward)
 Lion primary magazine fire
 Lion primary guns damaged
 Queen Elizabeth avoiding torpedoes (away)
 Valiant avoiding torpedoes (toward)
 Lion SINKS, position 101N 52E
 Valiant maximum speed reduced by flooding
 Apparent wind on Queen Elizabeth from WNW at 26 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lion ----->	1	Derfflinger -----	7,108		2	
Princess Royal ----->	2	Derfflinger -----	7,148			Lion/5ptsS

Queen Mary ----->	3 Seydlitz -----	7,171			Princess Royal
New Zealand ----->	4 Moltke -----	7,283	6		Queen Mary
Indefatigable ----->	1 Derfflinger -----	8,485	4	2	New Zealand
Queen Elizabeth ----->	1 Konig -----	9,156		2	Queen Mary
Barham ----->	2 Konig -----	9,359		2	Queen Mary
Valiant ----->	1 Konig -----	9,784		2	New Zealand
Warspite ----->	2 Konig -----	9,941		2	Barham
King George V ----->	4 Konig -----	8,114			Thunderer
Ajax ----->	1 Kasier -----	8,325			King George V/4ptsS
Centurion ----->	2 Kasier -----	8,520		2	Yarmouth
Orion ----->	2 Kasier -----	8,450		2	
Monarch ----->	3 Kasier -----	8,923			Orion/4ptsS
Conqueror ----->	4 Kasier -----	8,743			
Thunderer ----->	1 Helgoland -----	9,010			Conqueror/5ptsS
Southampton ----->	1 Frankfurt -----	8,811		3	Derfflinger class
Birmingham ----->	2 Frankfurt -----	9,011		3	Southampton/4ptsS
Nottingham ----->	2 Frankfurt -----	8,907		4	Birmingham/4ptsS
Dublin ----->	3 Ebling -----	9,114		2	Nottingham/4ptsS
Gloucester ----->	1 Frankfurt -----	8,932	S		Princess Royal

third ship in enemy unit, Konig class not under fire
second ship in enemy unit, Helgoland class not under fire
third ship in enemy unit, Helgoland class not under fire
fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Lion -----	101N 52E	036	20	20	18.8	00	--
2ndBCS -----	New Zealand -----	98N 50E	036	19	17	18.8	21	21
1stDiv -----	Queen Elizabeth -----	100N 44E	324	19	19	18.4	24	19
indep.	Valiant -----	97N 44E	138	19	16	17.4	20	--
2ndDiv -----	King George V -----	102N 49E	054	19	19	18.0	21	21
684 yds	Centurion -----	100N 47E	051	17	17	15.0	21	--
3rdDiv -----	Orion -----	105N 53E	054	19	19	18.8	21	21
295 yds	Conqueror -----	103N 51E	053	18	18	17.6	21	--
296 yds	Thunderer -----	103N 50E	053	18	18	17.6	21	--
2ndLCS -----	Southampton -----	111N 61E	055	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	99N 44E	266	22	20	19.8	25	24
1stFlot -----	1st Flotilla (15)(15) ----	109N 52E	054	19	19	18.6	30	--
9thFlot -----	9th Flotilla (15)(15) ----	111N 51E	054	19	19	18.6	34	--
13thFlot -----	13th Flotilla (15)(15) ---	108N 50E	054	19	19	18.6	34	--

HITS

	Heavy caliber	Medium caliber
Princess Royal -----	1 hit,	31 total

Queen Mary primary ammo low
 Queen Elizabeth ----- 7 hits, 32 total
 Barham ----- 4 hits, 45 total
 Valiant ----- 3 hits, 32 total
 Warspite ----- 4 hits, 31 total
 Monarch primary ammo low
 Conqueror primary ammo low
 Thunderer primary ammo low
 1 Derfflinger class ----- 3 hits, 33 total
 2 Derfflinger class ----- 1 hit, 26 total
 3 Seydlitz class ----- 3 hits, 27 total
 1 Konig class ----- 4 hits, 16 total
 2 Konig class ----- 3 hits, 12 total
 4 Konig class ----- 7 hits, 36 total
 1 Kasier class ----- 2 hits, 6 total
 2 Kasier class ----- 12 hits, 30 total
 3 Kasier class ----- 7 hits, 21 total
 4 Kasier class ----- 2 hits, 5 total
 1 Helgoland class ----- 4 hits, 6 total

=====
 Turn 37 14:20 Hrs Real Time 07:19:23 AM 03/16/2021

REPORTS for Grand Fleet

Barham primary magazine fire, BLOWN UP
 New Zealand shifts station guide to Princess Royal
 New Zealand station distance reduced to 1,200 yards
 Warspite avoiding torpedoes (toward)
 Warspite TORPEDOED
 Warspite maximum speed reduced by boiler room flooding
 Barham BLOWN UP, position 100N 44E
 Warspite maximum speed reduced by flooding
 Warspite maximum speed reduced by flooding
 Princess Royal maximum speed reduced by flooding
 Valiant maximum speed reduced by flooding
 Ajax maximum speed reduced by flooding
 Apparent wind on Queen Elizabeth from NNE at 7 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Princess Royal	-----> 2	Derfflinger	8,753			Ajax
Queen Mary	-----> 3	Seydlitz	8,303			Centurion
New Zealand	-----> 4	Moltke	7,684	6		

Indefatigable ----->	1 Derfflinger -----	8,142			New Zealand/4ptsS
Queen Elizabeth ----->	1 Konig -----	7,981	2		Centurion
Valiant ----->	1 Konig -----	8,523	2		
Warspite ----->	2 Konig -----	9,054			Konig class
King George V ----->	4 Konig -----	6,741			Thunderer
Ajax ----->	1 Kasier -----	7,091			King George V/4ptsS
Centurion ----->	2 Kasier -----	7,604			
Monarch ----->	3 Kasier -----	8,254			Orion/4ptsS
Conqueror ----->	4 Kasier -----	8,154			Monarch/4ptsS
Thunderer ----->	1 Helgoland -----	8,471			Conqueror/4ptsS
Southampton ----->	1 Frankfurt -----	7,359	4		Derfflinger class
Birmingham ----->	1 Frankfurt -----	7,116	4		Derfflinger class
Nottingham ----->	2 Frankfurt -----	7,319	2		Birmingham/4ptsS
Dublin ----->	2 Frankfurt -----	7,116	2		Nottingham/4ptsS
Falmouth ----->	2 Frankfurt -----	12,136	4 3		
Yarmouth ----->	3 Ebling -----	11,265	4 2		S13 Torpedoboat class/Downwind
Gloucester ----->	1 Frankfurt -----	10,859	S		New Zealand
1st Flotilla (15) ----->	S53 Torpedoboat -----	7,258	4		Seydlitz class
13th Flotilla (15) ----->	2 Frankfurt -----	7,924			Moltke class

third ship in enemy unit, Konig class not under fire
 second ship in enemy unit, Helgoland class not under fire
 third ship in enemy unit, Helgoland class not under fire
 fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Princess Royal -----	105N 48E	324	23	18	17.2	22	22
2ndBCS -----	New Zealand -----	103N 49E	324	17	15	15.6	21	21
1stDiv -----	Queen Elizabeth -----	103N 48E	055	18	17	15.0	24	18
	991 yds Valiant -----	101N 47E	043	15	15	13.0	19	--
	742 yds Warspite -----	100N 47E	036	14	15	15.0	18	--
2ndDiv -----	King George V -----	106N 54E	048	19	19	19.0	21	17
	847 yds Centurion -----	104N 51E	050	18	19	18.0	21	--
3rdDiv -----	Orion -----	109N 58E	048	19	19	19.0	21	21
2ndLCS -----	Southampton -----	116N 65E	046	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	100N 42E	249	24	14	15.6	25	24
	715 yds Yarmouth -----	101N 44E	232	18	12	17.2	24	--
1stFlot -----	1st Flotilla (15)(15) ----	112N 60E	078	30	27	24.6	30	--
9thFlot -----	9th Flotilla (15)(15) ----	113N 59E	082	34	29	25.0	34	--
13thFlot -----	13th Flotilla (15)(15) ---	111N 58E	072	34	29	25.0	34	--

HITS

		Heavy caliber	Medium caliber
Princess Royal -----		2 hits, 33 total	

Princess Royal heavy damage
 Indefatigable primary ammo low

Queen Elizabeth	-----	3 hits, 35 total
Valiant	-----	2 hits, 34 total
Warspite	-----	2 hits, 33 total
Ajax	-----	1 hit, 24 total
1 Derfflinger class	-----	1 hit, 34 total
2 Derfflinger class	-----	4 hits, 30 total
3 Seydlitz class	-----	2 hits, 29 total
4 Moltke class	-----	2 hits, 37 total
1 Konig class	-----	1 hit, 17 total
2 Konig class	-----	1 hit, 13 total
4 Konig class	-----	15 hits, 51 total
1 Kasier class	-----	3 hits, 9 total
2 Kasier class	-----	21 hits, 51 total
3 Kasier class	-----	2 hits, 23 total
4 Kasier class	-----	7 hits, 12 total
1 Helgoland class	-----	1 hit, 7 total

=====
 Turn 38 14:25 Hrs Real Time 07:20:21 AM 03/16/2021

REPORTS for Grand Fleet

Ajax avoiding torpedoes (toward)
 Princess Royal maximum speed reduced by flooding
 Queen Elizabeth maximum speed reduced by flooding
 Valiant maximum speed reduced by flooding
 Centurion TORPEDOED
 Centurion maximum speed reduced by hull damage
 Apparent wind on Queen Elizabeth from N at 11 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Princess Royal	----->	2 Derfflinger	7,654			King George V
Queen Mary	----->	3 Seydlitz	7,815			King George V
New Zealand	----->	4 Moltke	8,046	6		Centurion
Indefatigable	----->	1 Derfflinger	8,909	4		King George V
Queen Elizabeth	----->	1 Konig	6,505		2	Centurion
Valiant	----->	1 Konig	7,372		2	
Warspite	----->	2 Konig	7,351			
King George V	----->	Konig	5,223			Konig class
Ajax	----->	1 Kasier	4,523			
Centurion	----->	Kasier	7,202			

Monarch ----->	2 Kasier -----	7,853	4	Monarch/Downwind
Thunderer ----->	1 Helgoland -----	7,781	2	Thunderer/Downwind
Southampton ----->	1 Frankfurt -----	7,458	1	2 S13 Torpedoboat class
Birmingham ----->	2 Frankfurt -----	7,475	1	4 S53 Torpedoboat class
Nottingham ----->	2 Frankfurt -----	6,999	1	4 S53 Torpedoboat class
Dublin ----->	2 Frankfurt -----	6,526	1	5 Derfflinger class
Gloucester ----->	1 Frankfurt -----	13,156	S	Birkenhead
1st Flotilla (15) ----->	S53 Torpedoboat -----	5,859	4	
9th Flotilla (15) ----->	S53 Torpedoboat -----	6,591	3	1st Flotilla (15)
13th Flotilla (15) ----->	S13 Torpedoboat -----	6,350	4	S53 Torpedoboat class

third ship in enemy unit, Konig class not under fire
 third ship in enemy unit, Kasier class not under fire
 third ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Princess Royal -----	110N 51E	029	20	18	17.0	20	20
2ndBCS -----	New Zealand -----	108N 49E	029	17	15	15.6	21	21
1stDiv -----	Queen Elizabeth -----	108N 52E	041	18	18	18.0	20	18
	941 yds Valiant -----	105N 51E	040	17	20	18.0	18	--
2ndDiv -----	King George V -----	111N 58E	026	17	17	16.6	21	17
	1064 yds Ajax -----	108N 58E	019	14	12	15.8	17	--
	697 yds Centurion -----	108N 56E	039	18	20	19.4	19	--
3rdDiv -----	Orion -----	115N 60E	026	19	19	18.4	21	21
2ndLCS -----	Southampton -----	122N 67E	015	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	100N 40E	231	24	13	13.2	25	24
1stFlot -----	1st Flotilla (15)(14) -----	118N 58E	026	18	15	19.6	30	--
9thFlot -----	9th Flotilla (15)(14) -----	119N 56E	026	18	15	21.4	34	--
13thFlot -----	13th Flotilla (15)(15) -----	116N 57E	026	18	15	19.4	34	--

HITS

	Heavy caliber	Medium caliber
Princess Royal -----	7 hits, 40 total	
Queen Elizabeth -----	6 hits, 41 total	
Valiant -----	6 hits, 40 total	
Valiant heavy damage		
Warspite -----	5 hits, 38 total	
Ajax -----	4 hits, 28 total	
Centurion -----	3 hits, 3 total	
Centurion medium damage		
1 Derfflinger class -----	3 hits, 37 total	
3 Seydlitz class -----	2 hits, 31 total	
1 Konig class -----	3 hits, 20 total	
Konig class -----	7 hits, 58 total	

1 Kasier class ----- 9 hits, 18 total
 Kasier class ----- 5 hits, 56 total
 2 Kasier class ----- 4 hits, 27 total
 3 Kasier class ----- 3 hits, 15 total
 1 Helgoland class ----- 1 hit, 8 total

=====

Turn 39 14:30 Hrs Real Time 07:21:21 AM 03/16/2021

REPORTS for Grand Fleet

Valiant avoiding torpedoes (toward)
 Queen Elizabeth maximum speed reduced by flooding
 Warspite maximum speed reduced by flooding
 Warspite avoiding torpedoes (away)
 Princess Royal maximum speed reduced by flooding
 Indefatigable avoiding torpedoes (away)
 Warspite combing torpedoes (away)
 Queen Elizabeth maximum speed reduced by flooding
 New Zealand primary guns damaged
 Indefatigable combing torpedoes (away)
 Warspite combing torpedoes (away)
 King George V avoiding torpedoes (toward)
 Ajax maximum speed reduced by flooding
 Enemy Konig class SINKS
 Apparent wind on Queen Elizabeth from N at 11 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Princess Royal ----->	2	Derfflinger -----	6,753			King George V
Queen Mary ----->	3	Seydlitz -----	6,819			Centurion
New Zealand ----->	4	Moltke -----	7,043	4		Centurion
Indefatigable ----->	1	Derfflinger -----	10,105	4	2	King George V
Queen Elizabeth ----->	1	Konig -----	5,263		2	Ajax
Valiant ----->	1	Konig -----	6,420		2	
Warspite ----->	2	Konig -----	7,982			
King George V ----->	1	Derfflinger -----	3,457	4	2	
Ajax ----->	1	Kasier -----	3,942			
Centurion ----->		Kasier -----	7,483	4		Centurion/Downwind
Southampton ----->	1	Frankfurt -----	7,193	1	3	Derfflinger class
Birmingham ----->	2	Frankfurt -----	7,207	1	3	Derfflinger class
Nottingham ----->	2	Frankfurt -----	6,728	1	3	Derfflinger class
Dublin ----->	2	Frankfurt -----	6,251	1	5	Derfflinger class
1st Flotilla (15) ----->		S53 Torpedoboat -----	6,020		3	

9th Flotilla (15) -----> S53 Torpedoboat ----- 7,032 3 1st Flotilla (15)
 13th Flotilla (15) -----> 2 Frankfurt ----- 6,490 4 Monarch
 third ship in enemy unit, Konig class not under fire
 third ship in enemy unit, Kasier class not under fire
 first ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Princess Royal -----	116N 54E	029	19	19	19.4	19	19
2ndBCS -----	New Zealand -----	113N 53E	029	19	19	17.8	21	21
	1868 yds Indefatigable -----	111N 49E	043	18	14	15.0	26	--
1stDiv -----	Queen Elizabeth -----	112N 56E	037	17	17	17.2	18	17
	1672 yds Valiant -----	108N 54E	031	15	16	15.4	18	--
	2274 yds Warspite -----	110N 50E	043	13	14	14.8	17	--
2ndDiv -----	King George V -----	115N 62E	026	17	11	15.8	21	17
	1123 yds Ajax -----	112N 60E	032	15	17	15.0	17	--
3rdDiv -----	Orion -----	120N 63E	026	19	19	19.0	21	21
2ndLCS -----	Southampton -----	128N 69E	017	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	100N 39E	212	24	12	12.2	25	24
	680 yds Gloucester -----	101N 39E	120	16	13	13.2	25	--
1stFlot -----	1st Flotilla (15)(13) -----	124N 60E	026	19	19	18.6	30	--
9thFlot -----	9th Flotilla (15)(14) -----	125N 59E	026	19	19	18.6	34	--
13thFlot -----	13th Flotilla (15)(12) -----	122N 59E	026	19	19	18.6	34	--

HITS

	Heavy caliber	Medium caliber
Princess Royal -----	5 hits, 45 total	
New Zealand -----	3 hits, 26 total	
Queen Elizabeth -----	8 hits, 49 total	
Queen Elizabeth heavy damage		
Valiant -----	3 hits, 43 total	
Warspite -----	12 hits, 50 total	
King George V primary ammo low		
Ajax -----	13 hits, 41 total	
Centurion primary ammo low		
13th Flotilla (15) medium damage		
2 Derfflinger class -----	2 hits, 32 total	
3 Seydlitz class -----	8 hits, 39 total	
4 Moltke class -----	1 hit, 38 total	
1 Konig class -----	5 hits, 25 total	
1 Kasier class -----	9 hits, 27 total	
Kasier class -----	4 hits, 60 total	

=====

Turn 40

14:35 Hrs

Real Time 07:22:19 AM 03/16/2021

REPORTS for Grand Fleet

New Zealand maximum speed reduced by flooding
Queen Elizabeth maximum speed reduced by flooding
Princess Royal avoiding torpedoes (toward)
Queen Mary avoiding torpedoes (toward)
Queen Elizabeth maximum speed reduced by flooding
Queen Elizabeth funnel damage
New Zealand avoiding torpedoes (toward)
New Zealand TORPEDOED
New Zealand maximum speed reduced by hull damage
New Zealand recommends reducing speed to limit flooding
New Zealand SINKS, position 115N 55E
Queen Elizabeth recommends reducing speed to limit flooding
Princess Royal maximum speed reduced by flooding
Warspite maximum speed reduced by flooding
Princess Royal TORPEDOED
Princess Royal maximum speed reduced by engineroom flooding
Princess Royal SINKS, position 119N 58E
Queen Elizabeth maximum speed reduced by flooding
Apparent wind on Queen Elizabeth from NNW at 8 knots (6 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Princess Royal ----->	2	Derfflinger -----	6,211	4		
Queen Mary ----->	3	Seydlitz -----	6,094			King George V
Valiant ----->	1	Derfflinger -----	8,334	2		Ajax
King George V ----->	2	Konig -----	1,891			King George V/Downwind
Ajax ----->		Kasier -----	6,802	4		Ajax/Downwind
Centurion ----->		Kasier -----	6,317	4		
Southampton ----->	1	Frankfurt -----	9,483	4		Southampton/Downwind
Birmingham ----->	2	Frankfurt -----	8,843		3	Derfflinger class/Downwind
Nottingham ----->	3	Ebling -----	8,204		3	Nottingham/Downwind
Dublin ----->	4	Ebling -----	7,567	4	4	Seydlitz class/Downwind
Falmouth ----->	1	Stettin -----	9,527			
Birkenhead ----->	2	Bremen -----	9,695			
1st Flotilla (15) ----->	S13	Torpedoboat -----	6,515		3	
9th Flotilla (15) ----->	S13	Torpedoboat -----	7,521		3	1st Flotilla (15)
13th Flotilla (15) ----->	S13	Torpedoboat -----	6,488		3	Derfflinger class

third ship in enemy unit, Konig class not under fire
first ship in enemy unit, Helgoland class not under fire
fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Princess Royal -----	119N 58E	042	19	16	16.8	00	--
2ndBCS -----	Indefatigable -----	114N 51E	029	18	14	12.0	26	0
1stDiv -----	Queen Elizabeth -----	116N 59E	041	12	14	15.8	03	--
	1138 yds Valiant -----	113N 57E	036	17	20	18.8	18	16
	2445 yds Warspite -----	112N 54E	051	13	14	12.0	16	--
2ndDiv -----	King George V -----	119N 64E	033	17	16	14.0	21	17
3rdDiv -----	Orion -----	125N 67E	041	18	18	18.0	21	21
2ndLCS -----	Southampton -----	133N 74E	044	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	102N 42E	042	24	17	14.0	25	24
1stFlot -----	1st Flotilla (15)(11) -----	129N 65E	041	18	18	18.2	30	--
9thFlot -----	9th Flotilla (15)(14) -----	130N 64E	041	18	18	18.6	34	--
13thFlot -----	13th Flotilla (15)(8) -----	128N 64E	041	18	18	18.2	34	--

HITS

	Heavy caliber	Medium caliber
Queen Elizabeth -----	23 hits, 72 total	
Valiant -----	5 hits, 48 total	
Warspite -----	10 hits, 60 total	
1st Flotilla (15) medium damage		
1 Derfflinger class -----	3 hits, 40 total	
3 Seydlitz class -----	4 hits, 43 total	
4 Moltke class -----	2 hits, 40 total	
1 Konig class -----	2 hits, 27 total	
2 Konig class -----	11 hits, 24 total	
Kasier class -----	11 hits, 38 total	
Kasier class -----	7 hits, 67 total	

=====

Turn 41 14:40 Hrs Real Time 07:23:13 AM 03/16/2021

REPORTS for Grand Fleet

Warspite maximum speed reduced by flooding
 Enemy torpedo boat unit DISPERSED
 Queen Elizabeth primary guns damaged
 Valiant maximum speed reduced by flooding
 Queen Elizabeth capsizes
 Queen Elizabeth SINKS, position 118N 61E
 Valiant maximum speed reduced by flooding

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
-------------	------	--------------	-----------	-----	-----	---------------------

Valiant ----->	Konig -----	4,894			Ajax
King George V ----->	1 Konig -----	4,941			Konig class/Downwind
Ajax ----->	Kasier -----	10,876	4	2	Helgoland class/Downwind/Range rate high
Centurion ----->	2 Konig -----	3,762			
Monarch ----->	Kasier -----	13,373		2	Kasier class
Southampton ----->	1 Frankfurt -----	11,718		2	
Birmingham ----->	1 Frankfurt -----	11,756		2	
Nottingham ----->	2 Frankfurt -----	11,480			S53 Torpedoboat class
Dublin ----->	3 Ebling -----	11,205		2	S53 Torpedoboat class
Falmouth ----->	1 Stettin -----	9,336		2	
Yarmouth ----->	1 Stettin -----	9,480		2	
Birkenhead ----->	2 Bremen -----	9,395			Stettin class
1st Flotilla (15) ----->	V1 Torpedoboat -----	2,292		4	Orion
9th Flotilla (15) ----->	V1 Torpedoboat -----	3,148		4	Orion
13th Flotilla (15) ----->	S53 Torpedoboat -----	5,243		3	

Kasier class not under fire
 first ship in enemy unit, Kasier class not under fire
 third ship in enemy unit, Helgoland class not under fire
 fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Queen Mary -----	119N 62E	073	00	11	13.0	28	0
2ndBCS -----	Indefatigable -----	115N 55E	074	00	09	11.0	26	0
1stDiv -----	Valiant -----	112N 63E	110	16	16	16.0	17	0
	dropped Warspite -----	113N 58E	110	16	13	13.8	14	--
2ndDiv -----	King George V -----	123N 68E	046	17	17	17.0	21	17
3rdDiv -----	Orion -----	126N 72E	078	16	16	16.0	21	21
2ndLCS -----	Southampton -----	132N 80E	100	20	20	19.6	25	20
3rdLCS -----	Falmouth -----	104N 49E	074	24	22	20.4	25	24
1stFlot -----	1st Flotilla (15)(8) -----	130N 73E	078	16	16	18.8	30	--
9thFlot -----	9th Flotilla (15)(14) -----	132N 71E	078	34	26	22.4	34	--
13thFlot -----	13th Flotilla (15)(4) -----	130N 71E	078	16	16	17.8	34	--

HITS

	Heavy caliber	Medium caliber
Valiant -----	10 hits, 58 total	
Warspite -----	7 hits, 67 total	
13th Flotilla (15) heavy damage		
Konig class -----	5 hits, 32 total	
1 Konig class -----	16 hits, 40 total	
2 Konig class -----	19 hits, 38 total	
Kasier class -----	2 hits, 40 total	


```
=====
Turn 42          14:45 Hrs      Real Time 07:24:09 AM 03/16/2021
Wind W at 12 knots, veering
```

REPORTS for Grand Fleet

```
Valiant primary guns damaged
  Centurion avoids collision, course 296
9th Flotilla (15) turns away to NNW due to close range
Valiant maximum speed reduced by flooding
Enemy torpedoboat unit DISPERSED
Valiant maximum speed reduced by flooding
Warspite maximum speed reduced by flooding
Ajax maximum speed reduced by flooding
Warspite fire control damage
Ajax maximum speed reduced by flooding
  Queen Mary avoids collision, course 354
Valiant loses power, primary battery out of action
Warspite uncontrolled flooding due to seastate
```

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Valiant ----->	Konig	-----	5,659			Kasier class
Warspite ----->	Konig	-----	6,246		2	
Ajax ----->	Kasier	-----	14,938			Kasier class/Downwind/Range rate high
Centurion ----->	Konig	-----	6,589			/Downwind
Southampton ----->	1 Frankfurt	-----	12,227		2	
Birmingham ----->	1 Frankfurt	-----	12,485		2	
Nottingham ----->	2 Frankfurt	-----	12,442			
Dublin ----->	3 Ebling	-----	12,399		3	
Falmouth ----->	1 Stettin	-----	8,681		2	
Yarmouth ----->	1 Stettin	-----	8,983		2	
Birkenhead ----->	2 Bremen	-----	8,960			
second ship in enemy unit, Kasier class not under fire						
first ship in enemy unit, Helgoland class not under fire						
second ship in enemy unit, Helgoland class not under fire						
fourth ship in enemy unit, Helgoland class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
1stBCS -----	Queen Mary -----	119N 64E	014	00 06 08.0 28 0
2ndBCS -----	Indefatigable -----	115N 57E	107	00 04 06.0 26 0
1stDiv -----	Valiant -----	110N 67E	110	13 13 14.8 13 0
	dropped Warspite -----	112N 62E	110	13 13 13.6 13 --

2ndDiv	-----	King George V	-----	126N 73E	063	16	16	16.6	21	15
	1212 yds	Centurion	-----	124N 69E	064	14	14	13.4	19	--
3rdDiv	-----	Orion	-----	124N 77E	112	16	16	15.8	21	21
2ndLCS	-----	Southampton	-----	128N 85E	129	20	20	20.0	25	20
3rdLCS	-----	Falmouth	-----	103N 57E	094	24	23	22.6	25	24
1stFlot	-----	1st Flotilla (15)(6)	-----	135N 74E	105	30	12	12.0	30	--
9thFlot	-----	9th Flotilla (15)(14)	-----	139N 69E	058	34	26	24.0	34	--
13thFlot	-----	13th Flotilla (15)(3)	-----	135N 74E	015	08	08	12.2	34	--

HITS		Heavy caliber	Medium caliber
Valiant	-----	24 hits, 82 total	
Warspite	-----	6 hits, 73 total	
King George V	-----	2 hits, 10 total	
Ajax	-----	5 hits, 46 total	
Ajax heavy damage			
Centurion	-----	1 hit, 4 total	
Monarch	-----	1 hit, 1 total	
1st Flotilla (15) heavy damage			
Konig class	-----	1 hit, 33 total	
Konig class	-----	5 hits, 45 total	
Konig class	-----	3 hits, 41 total	
Kasier class	-----	2 hits, 42 total	

=====

Turn 43 14:50 Hrs Real Time 07:25:01 AM 03/16/2021

REPORTS for Grand Fleet

Queen Mary avoids collision, course 354
Warspite uncontrolled flooding due to seastate
Centurion maximum speed reduced by flooding

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Warspite	----->	Konig	6,257			
Ajax	----->	Konig	7,985			Centurion
Southampton	----->	1 Frankfurt	11,971		3	
Birmingham	----->	1 Frankfurt	12,311		3	
Nottingham	----->	2 Frankfurt	12,351			
Dublin	----->	1 Frankfurt	13,023	4	3	
Falmouth	----->	1 Stettin	7,593		2	
Yarmouth	----->	1 Stettin	7,916		2	
Birkenhead	----->	2 Bremen	8,032			Stettin class
Gloucester	----->	2 Frankfurt	12,607	1	2	Yarmouth

1st Flotilla (15) -----> S53 Torpedoboat ----- 8,698 5
 13th Flotilla (15) -----> S53 Torpedoboat ----- 9,114 6
 Kasier class not under fire
 second ship in enemy unit, Kasier class not under fire
 first ship in enemy unit, Helgoland class not under fire
 second ship in enemy unit, Helgoland class not under fire
 fourth ship in enemy unit, Helgoland class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
1stBCS -----	Queen Mary -----	119N 64E	119	00	00	02.0	28	0
2ndBCS -----	Indefatigable -----	115N 57E	116	00	00	01.2	26	0
	dropped Valiant -----	107N 71E	131	13	13	13.2	13	--
	dropped Warspite -----	110N 66E	110	13	13	13.0	13	--
2ndDiv -----	King George V -----	124N 78E	124	15	15	15.6	21	17
	dropped Ajax -----	127N 74E	124	15	09	12.2	15	--
	1394 yds Centurion -----	123N 74E	099	16	18	16.6	17	--
3rdDiv -----	Orion -----	121N 81E	124	15	15	15.0	21	21
2ndLCS -----	Southampton -----	123N 90E	141	20	20	20.0	25	20
3rdLCS -----	Falmouth -----	103N 64E	096	24	24	23.8	25	24
	355 yds Gloucester -----	103N 61E	096	22	23	22.8	25	--
1stFlot -----	1st Flotilla (15)(6) -----	132N 78E	129	30	18	13.8	30	--
9thFlot -----	9th Flotilla (15)(13) -----	134N 75E	126	34	26	22.0	34	--
13thFlot -----	13th Flotilla (15)(3) -----	133N 77E	130	34	15	11.6	34	--

HITS

	Heavy caliber	Medium caliber
Valiant -----	1 hit, 83 total	
King George V -----	3 hits, 13 total	
King George V medium damage		
Ajax -----	1 hit, 47 total	
Centurion -----	11 hits, 15 total	
Orion -----	2 hits, 2 total	
Monarch -----	3 hits, 4 total	
Falmouth medium damage		