

## Apr 14, 1917 North Sea Operation

Scenario: Apr 14, 1917 11:15 Hrs North Sea Operation  
British vs German

Initial conditions

Wind WSW at 12 knots

Visibility 20,000 yards, steady

British operation objective open ocean

German operation objective open ocean

British		German	
1stBCS	BC Lion	I.A.G.	BC Lutzow
	BC Princess Royal		BC Derfflinger
	BC Queen Mary		BC Seydlitz
2ndBCS	BC New Zealand		BC Moltke
	BC Indefatigable	Div-V	DN Konig (F)
1stDiv	DN Queen Elizabeth (F)		DN Grosser Kurfurst
	DN Barham		DN Markgraf
	DN Valiant		DN Kronprinz
	DN Warspite	Div-VI	DN Kaiser
2ndDiv	DN King George V		DN Prinzregent Luitpold
	DN Ajax		DN Kaiserin
	DN Centurion		DN Friedrich Der Grosse
	DN Erin	Div-I	DN Ostfriesland
3rdDiv	DN Orion		DN Thurigen
	DN Monarch		DN Helgoland
	DN Conqueror		DN Oldenburg
	DN Thunderer	II.A.G.	CL Frankfurt
2ndLCS	CL Southampton		CL Wiesbaden
	CL Birmingham		CL Pillau
	CL Nottingham		CL Ebling
	CL Dublin	IV.A.G.	CL Stettin
3rdLCS	CL Falmouth		CL Muenchen
	CL Yarmouth		CL Hamberg
	CL Birkenhead		CL Frauenlob
	CL Gloucester	Flot-II	TB Flotille II (12)
1stFlot	DD 1st Flotilla (15)	Flot-VI	TB Flotille VI (12)
9thFlot	DD 9th Flotilla (15)	Flot-IX	TB Flotille IX (12)
13thFlot	DD 13th Flotilla (15)		

12:16 Hrs Grand Fleet on course 135 sights smoke [from HSF], bearing ESE  
 12:16 Hrs HSF on course 270 sights smoke [from Grand Fleet], bearing WNW  
 12:16 Hrs Grand Fleet changes course to 096 to close sighting  
 12:16 Hrs Grand Fleet divisions in line ahead disposed abreast, flagship to starboard  
 12:16 Hrs Screen line abreast of 1 unit, others flank or rear  
 12:16 Hrs Three flotillas ahead of battleline center and wings  
 12:16 Hrs HSF changes course to 292 to close sighting  
 12:16 Hrs HSF divisions in a single line ahead  
 12:16 Hrs Circular screen  
 12:16 Hrs Battlecruiser flagship as screen guide  
 12:16 Hrs Three flotillas ahead and abeam of flagship

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Turn 14  
Turn 15  
Turn 16  
12:32 Hrs Wiesbaden sights smoke [from Southampton] bearing WNW, about 15 NM  
12:32 Hrs Wiesbaden sights smoke [from Birmingham] bearing WNW, about 20 NM  
12:33 Hrs Wiesbaden sights smoke [from Nottingham] bearing WNW, about 15 NM  
12:34 Hrs Wiesbaden sights smoke [from 1stBCS] bearing WNW, about 15 NM  
12:34 Hrs Wiesbaden sights smoke [from Dublin] bearing W, about 15 NM  
12:34 Hrs Dublin sights smoke [from Frankfurt] bearing ESE, about 15 NM  
12:35 Hrs Wiesbaden sights smoke [from 2ndBCS] bearing WNW, about 15 NM  
Turn 17  
12:40 Hrs Wiesbaden sights smoke [from 1st Flotilla (15)] bearing WNW, about 20 NM  
12:40 Hrs Wiesbaden sights smoke [from 9th Flotilla (15)] bearing WNW, about 15 NM  
12:40 Hrs Nottingham sights smoke [from I.A.G.] bearing ESE, about 15 NM  
Turn 18  
12:41 Hrs Wiesbaden sights smoke [from 13th Flotilla (15)] bearing WNW, about 15 NM  
12:42 Hrs Wiesbaden sights smoke [from 1stDiv] bearing WNW, about 15 NM  
12:42 Hrs Wiesbaden sights smoke [from 2ndDiv] bearing WNW, about 20 NM  
12:43 Hrs Wiesbaden sights smoke [from 3rdDiv] bearing WNW, about 15 NM  
12:43 Hrs Dublin sights smoke [from Stettin] bearing ESE, about 15 NM  
12:44 Hrs Wiesbaden sights Lion class BC [Lion leading 1stBCS]  
12:45 Hrs Wiesbaden sights Lion class BC [Princess Royal]  
12:45 Hrs Wiesbaden sights Lion class BC [Queen Mary]  
12:45 Hrs I.A.G. deploys to starboard, course 352 to limit smoke interference  
Turn 19  
12:46 Hrs Frankfurt sights Indefatigable class BC [New Zealand leading 2ndBCS]  
12:46 Hrs Wiesbaden sights Indefatigable class BC [Indefatigable]  
12:46 Hrs Wiesbaden sights 4 funneled cruiser [Birmingham]  
12:46 Hrs Wiesbaden sights 4 funneled cruiser [Nottingham]  
12:46 Hrs Wiesbaden sights 4 funneled cruiser [Dublin]  
12:46 Hrs Wiesbaden sights smoke [from 3rdLCS] bearing NW, about 15 NM  
12:46 Hrs Lion sights 3 funneled cruiser [Wiesbaden]  
12:46 Hrs Wiesbaden opens fire on Birmingham, range 16,818 yards  
12:47 Hrs Lion sights 3 funneled cruiser [Frankfurt]  
12:47 Hrs Lion sights smoke [from Flotille II (12)] bearing ESE, about 15 NM  
12:48 Hrs Frankfurt opens fire on Dublin, range 16,222 yards  
12:49 Hrs Wiesbaden sights 4 funneled cruiser [Southampton]  
12:49 Hrs Nottingham sights smoke [from Flotille VI (12)] bearing ESE, about 15 NM  
12:49 Hrs Lion sights smoke [from Flotille IX (12)] bearing ESE, about 15 NM  
12:50 Hrs Lion sights smoke [from Div-VI] bearing ESE, about 20 NM  
12:50 Hrs Dublin opens fire on Frankfurt, range 14,203 yards  
Turn 20  
12:51 Hrs Lion opens fire on Frankfurt, range 13,206 yards  
12:51 Hrs Princess Royal opens fire on Frankfurt, range 13,559 yards  
12:51 Hrs Queen Mary opens fire on Frankfurt, range 13,921 yards  
12:51 Hrs New Zealand opens fire on Frankfurt, range 14,441 yards  
12:51 Hrs Indefatigable opens fire on Frankfurt, range 15,346 yards  
12:51 Hrs Birmingham opens fire on Wiesbaden, range 13,767 yards  
12:52 Hrs Lion sights Derfflinger class BC [Lutzow leading I.A.G.]  
12:52 Hrs Nottingham sights smoke [from Div-I] bearing ESE, about 15 NM  
12:53 Hrs Lion sights Derfflinger class BC [Derfflinger]  
12:53 Hrs Lion sights Seydlitz class BC [Seydlitz]  
12:53 Hrs Lion sights Moltke class BC [Moltke]  
12:53 Hrs Lutzow opens fire on Lion, range 18,620 yards

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12:53 Hrs Derfflinger opens fire on Lion, range 18,866 yards  
12:53 Hrs Seydlitz opens fire on Princess Royal, range 19,659 yards  
12:53 Hrs Moltke opens fire on Lion, range 19,524 yards  
12:54 Hrs Princess Royal shifts fire to Derfflinger, range 18,174 yards  
12:54 Hrs Queen Mary shifts fire to Seydlitz, range 18,965 yards  
12:54 Hrs Southampton opens fire on Wiesbaden, range 13,915 yards  
12:54 Hrs Frankfurt turns away from Lion to E due to medium or heavy shells  
12:55 Hrs Lion shifts fire to Lutzow, range 16,303 yards  
12:55 Hrs 1stBCS deploys to port, course 055 to limit smoke interference  
12:55 Hrs 2ndBCS deploys to port, course 055 following 1stBCS  
Turn 21  
12:57 Hrs Lion sights 3 funneled cruiser [Muenchen]  
12:58 Hrs Dublin sights 3 funneled cruiser [Pillau]  
12:58 Hrs Lion sights 3 funneled cruiser [Stettin]  
12:58 Hrs Derfflinger shifts fire to Princess Royal, range 14,624 yards  
12:58 Hrs Dublin machinery damaged  
12:58 Hrs Pillau opens fire on Dublin, range 16,503 yards  
12:58 Hrs Frankfurt turns away from New Zealand to SE due to medium or heavy shells  
12:59 Hrs Nottingham opens fire on Wiesbaden, range 7,977 yards  
12:59 Hrs Seydlitz shifts fire to Queen Mary, range 14,515 yards  
12:59 Hrs Moltke shifts fire to New Zealand, range 14,883 yards  
12:59 Hrs Muenchen opens fire on Nottingham, range 13,089 yards  
13:00 Hrs Indefatigable shifts fire to Derfflinger, range 15,146 yards  
13:00 Hrs Southampton shifts fire to Frankfurt, range 14,154 yards  
13:00 Hrs Dublin shifts fire to Wiesbaden, range 10,018 yards  
13:00 Hrs Moltke shifts fire to Princess Royal, range 13,753 yards  
13:00 Hrs Stettin opens fire on Dublin, range 13,017 yards  
13:00 Hrs Muenchen shifts fire to Birmingham, range 13,280 yards  
13:00 Hrs I.A.G. takes station to get support from battleline  
13:00 Hrs HSF Flotille II (12) flotilla torpedo attack, target  
13:00 Hrs HSF Flotille VI (12) flotilla torpedo attack, target  
13:00 Hrs HSF Flotille IX (12) flotilla torpedo attack, target  
Turn 22  
13:01 Hrs Frankfurt sights Queen Elizabeth class DN [Queen Elizabeth leading  
1stDiv]  
13:01 Hrs Dublin sights Konig class DN [Konig leading Div-V]  
13:01 Hrs New Zealand shifts fire to Lutzow, range 14,543 yards  
13:01 Hrs Moltke shifts fire to Queen Mary, range 13,704 yards  
13:01 Hrs Dublin machinery damaged  
13:01 Hrs Dublin turns away from Frankfurt to NW due to close range  
13:03 Hrs Nottingham sights Konig class DN [Grosser Kurfurst]  
13:03 Hrs Southampton sights 3 funneled cruiser [Ebling]  
13:03 Hrs Princess Royal shifts fire to Lutzow, range 13,208 yards  
13:03 Hrs Queen Mary shifts fire to Derfflinger, range 13,697 yards  
13:03 Hrs New Zealand shifts fire to Seydlitz, range 13,677 yards  
13:03 Hrs Indefatigable shifts fire to Moltke, range 14,674 yards  
13:03 Hrs Derfflinger shifts fire to Lion, range 13,021 yards  
13:03 Hrs Moltke shifts fire to Princess Royal, range 13,225 yards  
13:03 Hrs Frankfurt shifts fire to Southampton, range 14,080 yards  
13:03 Hrs Muenchen shifts fire to Southampton, range 12,709 yards  
13:04 Hrs Wiesbaden sights King George V class DN [King George V leading 2ndDiv]  
13:04 Hrs Wiesbaden sights Orion class DN [Orion leading 3rdDiv]  
13:04 Hrs Nottingham sights Konig class DN [Markgraf]  
13:04 Hrs Nottingham sights Konig class DN [Kronprinz]

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13:04 Hrs Derfflinger shifts fire to Princess Royal, range 12,736 yards  
13:04 Hrs Moltke shifts fire to Queen Mary, range 13,006 yards  
13:04 Hrs Konig opens fire on Lion, range 19,413 yards  
13:04 Hrs Ebling opens fire on Birmingham, range 15,809 yards  
13:05 Hrs Wiesbaden sights Queen Elizabeth class DN [Barham]  
13:05 Hrs Wiesbaden sights Queen Elizabeth class DN [Valiant]  
13:05 Hrs Wiesbaden sights King George V class DN [Centurion]  
13:05 Hrs Wiesbaden sights Orion class DN [Monarch]  
13:05 Hrs Wiesbaden sights 14 destroyers [1st Flotilla (15)]  
13:05 Hrs Wiesbaden sights 12 destroyers [9th Flotilla (15)]  
13:05 Hrs Nottingham sights Kasier class DN [Kaiser leading Div-VI]  
13:05 Hrs Nottingham sights Kasier class DN [Prinzregent Luitpold]  
13:05 Hrs Grosser Kurfurst opens fire on Lion, range 19,059 yards  
13:05 Hrs Markgraf opens fire on Lion, range 19,530 yards  
13:05 Hrs Birmingham machinery damaged  
13:05 Hrs Birmingham turns away from Wiesbaden to WNW due to close range  
13:05 Hrs Wiesbaden launches a torpedo at Lion  
13:05 Hrs 2ndLCS screening enemy battleline [Konig] 10 NM ahead  
13:05 Hrs 3rdLCS stationed on Queen Elizabeth, 2 NM ahead  
13:05 Hrs Grand Fleet changes course to 111  
13:05 Hrs 1stBCS takes station to get support from battleline  
13:05 Hrs II.A.G. screening enemy battleline [Queen Elizabeth] 9.8 NM ahead  
13:05 Hrs IV.A.G. stationed on Konig, 3 NM ahead  
13:05 Hrs HSF changes course to 293  
Turn 23  
13:06 Hrs Wiesbaden sights Queen Elizabeth class DN [Warspite]  
13:06 Hrs Wiesbaden sights King George V class DN [Ajax]  
13:06 Hrs Wiesbaden sights 14 destroyers [13th Flotilla (15)]  
13:06 Hrs Nottingham sights Kasier class DN [Kaiserin]  
13:06 Hrs Nottingham sights Kasier class DN [Friedrich Der Grosse]  
13:06 Hrs Nottingham sights 3 funneled cruiser [Frauenlob]  
13:06 Hrs Nottingham sights 9 destroyers [Flotille II (12)]  
13:06 Hrs Princess Royal shifts fire to Derfflinger, range 12,099 yards  
13:06 Hrs Queen Mary shifts fire to Seydlitz, range 12,264 yards  
13:06 Hrs Kronprinz opens fire on Lion, range 19,205 yards  
13:06 Hrs Birmingham loses 1 primary gun port  
13:06 Hrs Wiesbaden turns away from Birmingham to SE due to close range  
13:07 Hrs Nottingham sights Helgoland class DN [Ostfriesland leading Div-I]  
13:07 Hrs Wiesbaden loses 1 primary gun port  
13:07 Hrs Prinzregent Luitpold opens fire on Princess Royal, range 19,673 yards  
13:08 Hrs Wiesbaden primary magazine lost  
13:08 Hrs Wiesbaden loses 1 primary gun forward loses 1 primary gun aft  
13:08 Hrs Kaiser opens fire on Lion, range 19,789 yards  
13:08 Hrs Wiesbaden maximum speed reduced by flooding  
13:09 Hrs Muenchen sights Erin class DN [Erin]  
13:09 Hrs Wiesbaden sights Orion class DN [Conqueror]  
13:09 Hrs Wiesbaden loses 1 primary gun port  
13:09 Hrs Kaiserin opens fire on New Zealand, range 19,634 yards  
13:09 Hrs New Zealand avoiding torpedoes (toward) [fired by Wiesbaden]  
13:09 Hrs Wiesbaden maximum speed reduced by flooding  
13:10 Hrs Muenchen sights Orion class DN [Thunderer]  
13:10 Hrs Queen Mary shifts fire to Derfflinger, range 12,821 yards  
13:10 Hrs Indefatigable shifts fire to Lutzow, range 12,386 yards  
13:10 Hrs Nottingham shifts fire to Frankfurt, range 11,218 yards

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13:10 Hrs Markgraf shifts fire to Princess Royal, range 17,616 yards  
13:10 Hrs Kronprinz shifts fire to Queen Mary, range 17,873 yards  
13:10 Hrs Friedrich Der Grosse opens fire on Indefatigable, range 19,574 yards  
13:10 Hrs Ostfriesland opens fire on New Zealand, range 19,582 yards  
13:10 Hrs Wiesbaden shifts fire to Southampton, range 9,579 yards  
13:10 Hrs Stettin shifts fire to Nottingham, range 12,617 yards  
13:10 Hrs Indefatigable avoiding torpedoes (away) [fired by Wiesbaden]  
13:10 Hrs Queen Mary combing torpedoes (away) [fired by Wiesbaden]  
Turn 24  
13:11 Hrs New Zealand sights Helgoland class DN [Thurigen]  
13:11 Hrs Princess Royal loses X turret [guns lost: 2]  
13:11 Hrs Grosser Kurfurst shifts fire to Princess Royal, range 16,759 yards  
13:11 Hrs Kaiserin shifts fire to Queen Mary, range 19,134 yards  
13:12 Hrs New Zealand sights Helgoland class DN [Helgoland]  
13:12 Hrs Queen Elizabeth opens fire on Lutzow, range 19,435 yards  
13:12 Hrs Thurigen opens fire on New Zealand, range 19,267 yards  
13:13 Hrs New Zealand sights Helgoland class DN [Oldenburg]  
13:13 Hrs Indefatigable sights 10 destroyers [Flotille VI (12)]  
13:13 Hrs Barham opens fire on Lutzow, range 18,698 yards  
13:13 Hrs Valiant opens fire on Derfflinger, range 19,679 yards  
13:13 Hrs King George V opens fire on Derfflinger, range 19,427 yards  
13:13 Hrs Moltke shifts fire to New Zealand, range 12,271 yards  
13:13 Hrs Markgraf shifts fire to Queen Mary, range 16,306 yards  
13:13 Hrs Kronprinz shifts fire to New Zealand, range 15,656 yards  
13:14 Hrs Muenchen sights 4 funneled cruiser [Falmouth leading 3rdLCS]  
13:14 Hrs Muenchen sights 4 funneled cruiser [Yarmouth]  
13:14 Hrs Warspite opens fire on Lutzow, range 18,303 yards  
13:14 Hrs Ajax opens fire on Lutzow, range 19,280 yards  
13:14 Hrs Kaiser shifts fire to Indefatigable, range 15,515 yards  
13:14 Hrs Helgoland opens fire on New Zealand, range 18,829 yards  
13:14 Hrs Oldenburg opens fire on New Zealand, range 19,301 yards  
13:14 Hrs Lion launches a torpedo at Lutzow  
13:15 Hrs Muenchen sights 4 funneled cruiser [Birkenhead]  
13:15 Hrs Lutzow loses D turret [guns lost: 2]  
13:15 Hrs Centurion opens fire on Derfflinger, range 18,639 yards  
13:15 Hrs Erin opens fire on Lutzow, range 19,030 yards  
13:15 Hrs Orion opens fire on Lutzow, range 18,411 yards  
13:15 Hrs Monarch opens fire on Derfflinger, range 19,438 yards  
13:15 Hrs Dublin shifts fire to Stettin, range 12,206 yards  
13:15 Hrs Kaiserin shifts fire to Indefatigable, range 15,971 yards  
13:15 Hrs Friedrich Der Grosse opens fire on Lion, range 18,717 yards  
13:15 Hrs Princess Royal launches a torpedo at Derfflinger  
13:15 Hrs Grand Fleet battlecruisers deployed to port  
13:15 Hrs Grand Fleet deploys to port, Orion leading battleline, course 035  
following battlecruisers  
13:15 Hrs 2ndLCS stationed on Orion, 3 NM ahead  
13:15 Hrs 3rdLCS stationed on Orion, 2.3 NM starboard bow  
13:15 Hrs HSF battlecruisers deployed to starboard  
13:15 Hrs HSF deploys to starboard, Konig leading battleline, course 035 following  
battlecruisers  
13:15 Hrs II.A.G. stationed on Konig, 3 NM ahead  
13:15 Hrs IV.A.G. stationed on Konig, 2.3 NM port bow  
Turn 25  
13:16 Hrs Muenchen sights 4 funneled cruiser [Gloucester]

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13:16 Hrs Conqueror opens fire on Derfflinger, range 18,714 yards  
13:16 Hrs Thunderer opens fire on Lutzow, range 19,126 yards  
13:16 Hrs Kronprinz opens fire on Lion, range 14,904 yards  
13:16 Hrs Ostfriesland opens fire on Lion, range 17,861 yards  
13:16 Hrs New Zealand launches a torpedo at Lutzow  
13:17 Hrs Frauenlob opens fire on Nottingham, range 13,191 yards  
13:17 Hrs Indefatigable launches a torpedo at Prinzregent Luitpold  
13:19 Hrs Queen Mary shifts fire to Seydlitz, range 10,676 yards  
13:19 Hrs Seydlitz loses E turret [guns lost: 2]  
13:19 Hrs Indefatigable shifts fire to Moltke, range 10,102 yards  
13:19 Hrs Queen Elizabeth shifts fire to Konig, range 17,398 yards  
13:19 Hrs Valiant shifts fire to Grosser Kurfurst, range 16,712 yards  
13:19 Hrs Warspite shifts fire to Markgraf, range 16,359 yards  
13:19 Hrs King George V shifts fire to Kronprinz, range 18,168 yards  
13:19 Hrs Ajax shifts fire to Kaiser, range 18,050 yards  
13:19 Hrs Conqueror shifts fire to Seydlitz, range 16,516 yards  
13:19 Hrs Konig shifts fire to Queen Elizabeth, range 17,398 yards  
13:19 Hrs Grosser Kurfurst shifts fire to Barham, range 17,048 yards  
13:19 Hrs Kronprinz shifts fire to Valiant, range 16,699 yards  
13:19 Hrs Kaiser shifts fire to Warspite, range 16,504 yards  
13:19 Hrs Thurigen shifts fire to Lion, range 16,709 yards  
13:19 Hrs Helgoland shifts fire to Princess Royal, range 17,375 yards  
13:19 Hrs Oldenburg shifts fire to Queen Mary, range 17,443 yards  
13:20 Hrs Nottingham shifts fire to Stettin, range 13,939 yards  
13:20 Hrs Kaiserin shifts fire to King George V, range 19,187 yards  
Turn 26  
13:21 Hrs Centurion shifts fire to Prinzregent Luitpold, range 18,201 yards  
13:21 Hrs Thunderer shifts fire to Moltke, range 17,067 yards  
13:21 Hrs Friedrich Der Grosse shifts fire to Ajax, range 18,621 yards  
13:23 Hrs Queen Mary sights 9 destroyers [Flotille IX (12)]  
13:23 Hrs Centurion opens fire on Lutzow, range 15,378 yards  
13:24 Hrs New Zealand shifts fire to Derfflinger, range 10,956 yards  
13:24 Hrs Ajax opens fire on Konig, range 17,898 yards  
13:24 Hrs Derfflinger shifts fire to Lion, range 12,323 yards  
13:24 Hrs Seydlitz shifts fire to Princess Royal, range 11,878 yards  
13:24 Hrs Prinzregent Luitpold shifts fire to Barham, range 18,923 yards  
13:25 Hrs Indefatigable sights 3 funneled cruiser [Hamberg]  
13:25 Hrs Erin shifts fire to Markgraf, range 17,231 yards  
13:25 Hrs Markgraf shifts fire to Queen Elizabeth, range 18,749 yards  
Turn 27  
13:26 Hrs Centurion shifts fire to Grosser Kurfurst, range 17,668 yards  
13:26 Hrs Markgraf shifts fire to Valiant, range 18,425 yards  
13:26 Hrs Kronprinz shifts fire to Warspite, range 18,676 yards  
13:26 Hrs Thurigen shifts fire to Erin, range 19,607 yards  
13:27 Hrs New Zealand shifts fire to Seydlitz, range 11,740 yards  
13:27 Hrs Valiant opens fire on Konig, range 17,529 yards  
13:27 Hrs 9th Flotilla (15) turns away from Lutzow to NW due to heavy shells  
13:28 Hrs Princess Royal opens fire on Lutzow, range 11,633 yards  
13:28 Hrs Warspite opens fire on Grosser Kurfurst, range 17,490 yards  
13:29 Hrs Monarch shifts fire to Markgraf, range 17,245 yards  
13:30 Hrs Lion fire control damage  
Turn 28  
13:31 Hrs Princess Royal shifts fire to Derfflinger, range 11,498 yards  
13:31 Hrs Moltke loses C turret [guns lost: 2]

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13:31 Hrs Ajax shifts fire to Markgraf, range 16,575 yards  
13:31 Hrs Conqueror shifts fire to Kronprinz, range 16,391 yards  
13:31 Hrs Falmouth opens fire on Flotille II (12), range 13,423 yards  
13:31 Hrs Yarmouth opens fire on Flotille II (12), range 13,778 yards  
13:31 Hrs Kaiserin shifts fire to Lion, range 16,990 yards  
13:31 Hrs Ostfriesland shifts fire to Warspite, range 19,594 yards  
13:32 Hrs Oldenburg shifts fire to Lion, range 19,051 yards  
13:33 Hrs Valiant shifts fire to Grosser Kurfurst, range 16,453 yards  
13:33 Hrs Wiesbaden shifts fire to Falmouth, range 17,062 yards  
13:34 Hrs Gloucester opens fire on Flotille II (12), range 13,938 yards  
13:34 Hrs Frankfurt opens fire on Falmouth, range 15,921 yards  
13:34 Hrs Ebling opens fire on Yarmouth, range 17,077 yards  
13:35 Hrs Birkenhead opens fire on Flotille II (12), range 12,942 yards  
13:35 Hrs Markgraf shifts fire to Barham, range 15,515 yards  
13:35 Hrs Kronprinz shifts fire to Valiant, range 15,825 yards  
13:35 Hrs Helgoland shifts fire to Valiant, range 19,421 yards  
Turn 29  
13:36 Hrs Markgraf loses 1 gun of B turret  
13:37 Hrs Grosser Kurfurst fire control damage  
13:37 Hrs Markgraf loses C turret [guns lost: 2]  
13:38 Hrs Warspite loses X turret [guns lost: 2]  
13:38 Hrs Pillau shifts fire to Falmouth, range 15,153 yards  
13:39 Hrs Markgraf shifts fire to Valiant, range 14,175 yards  
13:39 Hrs Kronprinz shifts fire to Warspite, range 14,515 yards  
13:39 Hrs Lion fire control damage  
13:40 Hrs Derfflinger loses A turret [guns lost: 2]  
13:40 Hrs Barham shifts fire to Grosser Kurfurst, range 13,405 yards  
13:40 Hrs Ajax shifts fire to Kronprinz, range 13,340 yards  
13:40 Hrs Erin shifts fire to Kaiser, range 13,488 yards  
13:40 Hrs Orion shifts fire to Prinzregent Luitpold, range 14,449 yards  
13:40 Hrs Monarch shifts fire to Kaiserin, range 15,095 yards  
13:40 Hrs Derfflinger shifts fire to Princess Royal, range 10,351 yards  
13:40 Hrs Kronprinz shifts fire to Queen Elizabeth, range 13,076 yards  
13:40 Hrs Kaiser shifts fire to Barham, range 13,457 yards  
13:40 Hrs Valiant secondary magazine lost  
13:40 Hrs Derfflinger launches a torpedo at Princess Royal  
Turn 30  
13:41 Hrs Warspite shifts fire to Markgraf, range 13,682 yards  
13:41 Hrs Ostfriesland shifts fire to Valiant, range 14,888 yards  
13:42 Hrs New Zealand shifts fire to Lutzow, range 10,409 yards  
13:42 Hrs Valiant shifts fire to Konig, range 12,989 yards  
13:42 Hrs Warspite shifts fire to Grosser Kurfurst, range 13,322 yards  
13:42 Hrs Ajax shifts fire to Markgraf, range 12,833 yards  
13:42 Hrs Grosser Kurfurst shifts fire to Queen Elizabeth, range 12,462 yards  
13:42 Hrs Kronprinz shifts fire to Warspite, range 13,244 yards  
13:42 Hrs Kaiserin shifts fire to Valiant, range 13,319 yards  
13:42 Hrs Helgoland shifts fire to Warspite, range 15,046 yards  
13:42 Hrs Lion machinery damaged  
13:43 Hrs Seydlitz primary magazine lost  
13:43 Hrs Gloucester shifts fire to Frankfurt, range 13,862 yards  
13:43 Hrs Grosser Kurfurst shifts fire to Barham, range 12,498 yards  
13:44 Hrs Valiant W/T inoperable  
13:44 Hrs Flotille II (12) turns away from Falmouth to SSE due to medium or heavy shells

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13:45 Hrs Erin opens fire on Lutzow, range 12,675 yards  
13:45 Hrs Princess Royal machinery damaged  
13:45 Hrs Warspite loses A turret [guns lost: 2]  
13:45 Hrs Ebling shifts fire to Falmouth, range 15,769 yards  
Turn 31  
13:47 Hrs Valiant loses 1 gun of X turret  
13:47 Hrs Valiant W/T inoperable  
13:47 Hrs Erin secondary magazine fire  
13:47 Hrs Erin maximum speed reduced by flooding  
13:48 Hrs Seydlitz maximum speed reduced by flooding  
13:49 Hrs Indefatigable shifts fire to Derfflinger, range 8,975 yards  
13:49 Hrs Barham shifts fire to Konig, range 13,809 yards  
13:49 Hrs Konig loses E turret [guns lost: 2]  
13:49 Hrs Centurion shifts fire to Markgraf, range 13,671 yards  
13:49 Hrs Grosser Kurfurst shifts fire to Lion, range 9,315 yards  
13:49 Hrs Markgraf shifts fire to Queen Elizabeth, range 13,433 yards  
13:49 Hrs Prinzregent Luitpold shifts fire to Valiant, range 12,629 yards  
13:49 Hrs Ostfriesland shifts fire to Warspite, range 13,476 yards  
13:49 Hrs Oldenburg shifts fire to King George V, range 16,360 yards  
13:49 Hrs Queen Mary avoiding torpedoes (away) [fired by Derfflinger]  
13:49 Hrs Lion maximum speed reduced by flooding  
13:50 Hrs Erin shifts fire to Kronprinz, range 13,716 yards  
13:50 Hrs Queen Mary combing torpedoes (away) [fired by Derfflinger]  
13:50 Hrs Princess Royal maximum speed reduced by flooding  
Turn 32  
13:51 Hrs Queen Mary shifts fire to Lutzow, range 11,213 yards  
13:51 Hrs Valiant shifts fire to Grosser Kurfurst, range 14,222 yards  
13:51 Hrs Queen Elizabeth loses Y turret [guns lost: 2]  
13:51 Hrs Kronprinz shifts fire to Lion, range 10,050 yards  
13:51 Hrs Helgoland shifts fire to Queen Elizabeth, range 14,407 yards  
13:51 Hrs Ebling shifts fire to Birkenhead, range 16,151 yards  
13:51 Hrs Lutzow launches a torpedo at Indefatigable  
13:51 Hrs Princess Royal avoiding torpedoes (away) [fired by Derfflinger]  
13:51 Hrs Erin maximum speed reduced by flooding  
13:52 Hrs Erin shifts fire to Markgraf, range 14,516 yards  
13:52 Hrs Grosser Kurfurst shifts fire to Barham, range 14,612 yards  
13:52 Hrs Lutzow maximum speed reduced by flooding  
13:53 Hrs Indefatigable opens fire on Lutzow, range 11,612 yards  
13:53 Hrs Kronprinz shifts fire to Warspite, range 14,416 yards  
13:53 Hrs Barham fire control damage  
13:53 Hrs Ajax secondary magazine fire  
13:53 Hrs Lion maximum speed reduced by flooding  
13:54 Hrs Barham engine disabled  
13:54 Hrs Markgraf shifts fire to Valiant, range 15,246 yards  
13:54 Hrs Ajax loses 1 gun of Q turret  
13:55 Hrs Falmouth opens fire on Flotille IX (12), range 13,705 yards  
13:55 Hrs Pillau shifts fire to Yarmouth, range 14,659 yards  
Turn 33  
13:56 Hrs Derfflinger loses B turret [guns lost: 2]  
13:56 Hrs Yarmouth opens fire on Flotille IX (12), range 13,645 yards  
13:56 Hrs Erin SINKS  
13:57 Hrs Thurigen shifts fire to Lion, range 12,827 yards  
13:58 Hrs Birkenhead shifts fire to Frankfurt, range 12,492 yards  
13:59 Hrs Indefatigable shifts fire to Derfflinger, range 12,941 yards



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13:59 Hrs Falmouth shifts fire to Frankfurt, range 10,757 yards  
13:59 Hrs Yarmouth shifts fire to Wiesbaden, range 11,286 yards  
13:59 Hrs Markgraf shifts fire to Lion, range 13,232 yards  
13:59 Hrs Kaiserin shifts fire to Queen Elizabeth, range 15,659 yards  
13:59 Hrs Moltke maximum speed reduced by flooding  
14:00 Hrs Markgraf shifts fire to Valiant, range 16,054 yards  
14:00 Hrs Ebling shifts fire to Falmouth, range 10,991 yards  
14:00 Hrs Derfflinger maximum speed reduced by flooding  
Turn 34  
14:01 Hrs Pillau shifts fire to Birmingham, range 15,265 yards  
14:01 Hrs New Zealand maximum speed reduced by flooding  
14:02 Hrs Nottingham shifts fire to Frankfurt, range 13,950 yards  
14:02 Hrs Wiesbaden shifts fire to Southampton, range 13,852 yards  
14:02 Hrs Barham maximum speed reduced by flooding  
14:03 Hrs Queen Mary shifts fire to Seydlitz, range 11,883 yards  
14:03 Hrs New Zealand shifts fire to Moltke, range 12,684 yards  
14:03 Hrs Barham shifts fire to Grosser Kurfurst, range 13,750 yards  
14:03 Hrs Valiant shifts fire to Markgraf, range 14,584 yards  
14:03 Hrs Warspite shifts fire to Kronprinz, range 14,905 yards  
14:03 Hrs Markgraf loses D turret [guns lost: 2]  
14:03 Hrs Conqueror shifts fire to Friedrich Der Grosse, range 12,888 yards  
14:03 Hrs Southampton opens fire on Frankfurt, range 12,679 yards  
14:03 Hrs Birmingham opens fire on Wiesbaden, range 13,262 yards  
14:03 Hrs Dublin opens fire on Pillau, range 14,076 yards  
14:03 Hrs Kaiserin shifts fire to Lion, range 12,821 yards  
14:03 Hrs Ebling shifts fire to Southampton, range 13,834 yards  
14:04 Hrs Thunderer shifts fire to Ostfriesland, range 12,841 yards  
14:04 Hrs Lion loses 1 gun of Q turret  
14:05 Hrs Yarmouth boiler damaged  
14:05 Hrs Yarmouth loses 1 primary gun starboard  
14:05 Hrs Moltke primary ammo low  
Turn 35  
14:06 Hrs Queen Mary shifts fire to Lutzow, range 9,770 yards  
14:06 Hrs New Zealand shifts fire to Derfflinger, range 10,491 yards  
14:06 Hrs Ajax shifts fire to Kaiser, range 11,357 yards  
14:06 Hrs Centurion shifts fire to Prinzregent Luitpold, range 12,034 yards  
14:06 Hrs Falmouth shifts fire to Pillau, range 6,456 yards  
14:06 Hrs Birkenhead shifts fire to Ebling, range 7,168 yards  
14:06 Hrs Pillau shifts fire to Southampton, range 11,073 yards  
14:06 Hrs Ebling shifts fire to Birmingham, range 11,642 yards  
14:06 Hrs Konig launches a torpedo at Barham  
14:06 Hrs Lion maximum speed reduced by flooding  
14:08 Hrs Prinzregent Luitpold loses 1 gun of A turret  
14:08 Hrs Nottingham shifts fire to Wiesbaden, range 10,000 yards  
14:08 Hrs New Zealand maximum speed reduced by flooding  
14:09 Hrs Lion loses 1 gun of X turret  
14:09 Hrs Falmouth turns away from Seydlitz to NW due to close range  
14:09 Hrs Southampton launches a torpedo at Lutzow  
14:09 Hrs Kronprinz maximum speed reduced by flooding  
14:10 Hrs Warspite loses 1 gun of Y turret  
14:10 Hrs Birmingham launches a torpedo at Lutzow  
14:10 Hrs Barham maximum speed reduced by flooding  
14:10 Hrs Orion primary ammo low  
14:10 Hrs Seydlitz primary ammo low

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### Turn 36

14:11 Hrs Queen Mary shifts fire to Seydlitz, range 8,052 yards  
14:11 Hrs New Zealand shifts fire to Moltke, range 8,592 yards  
14:11 Hrs Indefatigable shifts fire to Lutzow, range 9,867 yards  
14:11 Hrs Valiant shifts fire to Konig, range 10,481 yards  
14:11 Hrs Falmouth shifts fire to Wiesbaden, range 7,506 yards  
14:11 Hrs Yarmouth shifts fire to Pillau, range 7,012 yards  
14:11 Hrs Birkenhead loses 1 primary gun aft  
14:11 Hrs Thurigen shifts fire to Queen Elizabeth, range 8,934 yards  
14:11 Hrs Oldenburg shifts fire to Barham, range 9,971 yards  
14:11 Hrs Nottingham launches a torpedo at Lutzow  
14:12 Hrs Warspite shifts fire to Grosser Kurfurst, range 10,565 yards  
14:12 Hrs Barham loses B turret [guns lost: 2]  
14:12 Hrs Lion maximum speed reduced by flooding  
14:13 Hrs Dublin launches a torpedo at Grosser Kurfurst  
14:13 Hrs Indefatigable avoiding torpedoes (toward) [fired by Konig]  
14:13 Hrs Lutzow maximum speed reduced by flooding  
14:14 Hrs Lutzow launches a torpedo at Lion  
14:15 Hrs Lion primary magazine fire  
14:15 Hrs Lion loses A turret [guns lost: 2]  
14:15 Hrs Queen Elizabeth avoiding torpedoes (away) [fired by Konig]  
14:15 Hrs Valiant avoiding torpedoes (toward) [fired by Konig]  
14:15 Hrs Lion SINKS  
14:15 Hrs Valiant maximum speed reduced by flooding  
14:15 Hrs Queen Mary primary ammo low  
14:15 Hrs Monarch primary ammo low  
14:15 Hrs Conqueror primary ammo low  
14:15 Hrs Thunderer primary ammo low  
14:15 Hrs Kaiser primary ammo low  
14:15 Hrs Grand Fleet 1st Flotilla (15) flotilla torpedo attack, target Prinzregent Luitpold  
14:15 Hrs Grand Fleet 9th Flotilla (15) flotilla torpedo attack, target Prinzregent Luitpold  
14:15 Hrs Grand Fleet 13th Flotilla (15) flotilla torpedo attack, target Prinzregent Luitpold  
14:15 Hrs HSF Flotille II (12) flotilla torpedo attack, target Queen Elizabeth  
14:15 Hrs HSF Flotille VI (12) flotilla torpedo attack, target Queen Elizabeth  
14:15 Hrs HSF Flotille IX (12) flotilla torpedo attack, target Queen Elizabeth

### Turn 37

14:16 Hrs Barham primary gun penetration, X turret hit, primary magazine explodes, [hit by Grosser Kurfurst]  
14:16 Hrs Barham primary magazine fire, BLOWN UP  
14:16 Hrs Grosser Kurfurst shifts fire to Queen Elizabeth, range 9,172 yards  
14:16 Hrs Kaiserin shifts fire to Queen Elizabeth, range 9,425 yards  
14:16 Hrs Derfflinger launches a torpedo at Queen Mary  
14:16 Hrs Warspite avoiding torpedoes (toward) [fired by Konig]  
14:16 Hrs Warspite torpedoed [by Konig]  
14:16 Hrs Warspite maximum speed reduced by boiler room flooding  
14:16 Hrs Warspite maximum speed reduced by flooding  
14:16 Hrs Kronprinz maximum speed reduced by flooding  
14:17 Hrs Kaiser shifts fire to Princess Royal, range 7,273 yards  
14:17 Hrs Oldenburg shifts fire to Queen Elizabeth, range 9,645 yards  
14:17 Hrs Warspite maximum speed reduced by flooding  
14:17 Hrs Derfflinger maximum speed reduced by flooding

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14:17 Hrs Prinzregent Luitpold maximum speed reduced by flooding  
14:18 Hrs Grosser Kurfurst launches a torpedo at Queen Elizabeth  
14:19 Hrs Markgraf launches a torpedo at Queen Elizabeth  
14:19 Hrs Konig avoiding torpedoes (toward) [fired by Dublin]  
14:19 Hrs Princess Royal maximum speed reduced by flooding  
14:19 Hrs Valiant maximum speed reduced by flooding  
14:19 Hrs Kronprinz maximum speed reduced by flooding  
14:19 Hrs Prinzregent Luitpold maximum speed reduced by flooding  
14:20 Hrs Seydlitz loses 1 gun of A turret  
14:20 Hrs Birmingham shifts fire to Frankfurt, range 7,116 yards  
14:20 Hrs Dublin shifts fire to Wiesbaden, range 7,116 yards  
14:20 Hrs Grosser Kurfurst shifts fire to Valiant, range 9,040 yards  
14:20 Hrs Kaiserin shifts fire to Warspite, range 8,538 yards  
14:20 Hrs Thurigen shifts fire to King George V, range 8,642 yards  
14:20 Hrs Helgoland shifts fire to Ajax, range 8,869 yards  
14:20 Hrs Oldenburg shifts fire to Centurion, range 8,743 yards  
14:20 Hrs Frankfurt shifts fire to Southampton, range 7,359 yards  
14:20 Hrs Wiesbaden shifts fire to Birmingham, range 7,550 yards  
14:20 Hrs Pillau shifts fire to Nottingham, range 7,747 yards  
14:20 Hrs Ebling shifts fire to Dublin, range 7,948 yards  
14:20 Hrs Wiesbaden avoiding torpedoes (toward) [fired by Southampton]  
14:20 Hrs Grosser Kurfurst avoiding torpedoes (toward) [fired by Dublin]  
14:20 Hrs Ajax maximum speed reduced by flooding  
14:20 Hrs Prinzregent Luitpold maximum speed reduced by flooding  
14:20 Hrs Indefatigable primary ammo low  
14:20 Hrs Friedrich Der Grosse primary ammo low  
14:20 Hrs 1stBCS takes station to get support from battleline  
14:20 Hrs HSF Flotille II (12) flotilla torpedo attack, target Queen Elizabeth  
14:20 Hrs HSF Flotille VI (12) flotilla torpedo attack, target Queen Elizabeth  
14:20 Hrs HSF Flotille IX (12) flotilla torpedo attack, target Queen Elizabeth  
Turn 38  
14:21 Hrs Birmingham shifts fire to Wiesbaden, range 7,533 yards  
14:21 Hrs Kronprinz shifts fire to Queen Elizabeth, range 7,879 yards  
14:21 Hrs Ostfriesland shifts fire to King George V, range 8,009 yards  
14:21 Hrs Pillau shifts fire to Birmingham, range 7,716 yards  
14:21 Hrs Frankfurt avoiding torpedoes (toward) [fired by Nottingham]  
14:22 Hrs Kronprinz maximum speed reduced by flooding  
14:23 Hrs Birkenhead shifts fire to Ebling, range 12,031 yards  
14:23 Hrs Ajax avoiding torpedoes (toward) [fired by Derfflinger]  
14:23 Hrs Princess Royal maximum speed reduced by flooding  
14:23 Hrs Queen Elizabeth maximum speed reduced by flooding  
14:23 Hrs Valiant maximum speed reduced by flooding  
14:23 Hrs Seydlitz maximum speed reduced by flooding  
14:24 Hrs Falmouth shifts fire to Pillau, range 12,491 yards  
14:24 Hrs Centurion torpedoed [by Derfflinger]  
14:24 Hrs Centurion maximum speed reduced by hull damage  
14:24 Hrs Kaiserin maximum speed reduced by flooding  
14:25 Hrs Kaiser loses C turret [guns lost: 2]  
14:25 Hrs Kaiser maximum speed reduced by flooding  
14:25 Hrs Grosser Kurfurst primary ammo low  
14:25 Hrs HSF Flotille II (12) flotilla torpedo attack, target Queen Elizabeth  
14:25 Hrs HSF Flotille VI (12) flotilla torpedo attack, target Queen Elizabeth  
14:25 Hrs HSF Flotille IX (12) flotilla torpedo attack, target Queen Elizabeth  
Turn 39

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14:26 Hrs Thunderer shifts fire to Lutzow, range 3,513 yards  
14:26 Hrs Yarmouth shifts fire to Ebling, range 13,006 yards  
14:26 Hrs Grosser Kurfurst shifts fire to Princess Royal, range 7,355 yards  
14:26 Hrs Markgraf shifts fire to Queen Elizabeth, range 6,256 yards  
14:26 Hrs Ostfriesland shifts fire to Warspite, range 7,403 yards  
14:26 Hrs Pillau shifts fire to Nottingham, range 7,566 yards  
14:26 Hrs Ebling shifts fire to Dublin, range 7,584 yards  
14:26 Hrs Flotille II (12) turns away from Orion to SE due to close range  
14:26 Hrs Lutzow launches a torpedo at Princess Royal  
14:26 Hrs Valiant avoiding torpedoes (toward) [fired by Grosser Kurfurst]  
14:26 Hrs Queen Elizabeth maximum speed reduced by flooding  
14:26 Hrs Warspite maximum speed reduced by flooding  
14:26 Hrs Kronprinz loses power, primary battery out of action  
14:27 Hrs Lutzow turns away from Thunderer to NNE due to close range  
14:27 Hrs Flotille IX (12) turns away from Monarch to E due to close range  
14:27 Hrs Orion launches a torpedo at Seydlitz  
14:27 Hrs Warspite avoiding torpedoes (away) [fired by Markgraf]  
14:27 Hrs Princess Royal maximum speed reduced by flooding  
14:27 Hrs Konig maximum speed reduced by flooding  
14:27 Hrs Kronprinz maximum speed reduced by flooding  
14:27 Hrs Kaiser maximum speed reduced by flooding  
14:28 Hrs Flotille VI (12) turns away from Orion to ESE due to close range  
14:28 Hrs Seydlitz launches a torpedo at Queen Mary  
14:28 Hrs Indefatigable avoiding torpedoes (away) [fired by Grosser Kurfurst]  
14:28 Hrs Warspite combing torpedoes (away) [fired by Markgraf]  
14:28 Hrs Queen Elizabeth maximum speed reduced by flooding  
14:28 Hrs Konig maximum speed reduced by flooding  
14:29 Hrs Kaiser loses 1 gun of D turret  
14:29 Hrs New Zealand loses Q turret [guns lost: 2]  
14:29 Hrs Stettin opens fire on Falmouth, range 13,301 yards  
14:29 Hrs King George V launches a torpedo at Seydlitz  
14:29 Hrs Indefatigable combing torpedoes (away) [fired by Markgraf]  
14:29 Hrs Warspite combing torpedoes (away) [fired by Markgraf]  
14:29 Hrs King George V avoiding torpedoes (toward) [fired by Lutzow]  
14:29 Hrs Ajax maximum speed reduced by flooding  
14:29 Hrs Kronprinz SINKS  
14:30 Hrs King George V shifts fire to Lutzow, range 3,457 yards  
14:30 Hrs Muenchen shifts fire to Falmouth, range 12,882 yards  
14:30 Hrs Hamberg opens fire on Falmouth, range 13,271 yards  
14:30 Hrs Flotille II (12) turns away from Orion to ESE due to close range  
14:30 Hrs Conqueror launches a torpedo at Grosser Kurfurst  
14:30 Hrs Kaiser maximum speed reduced by flooding  
14:30 Hrs King George V primary ammo low  
14:30 Hrs Centurion primary ammo low  
14:30 Hrs Kaiserin primary ammo low  
14:30 Hrs HSF Flotille II (12) flotilla torpedo attack, target Queen Elizabeth  
14:30 Hrs HSF Flotille VI (12) flotilla torpedo attack, target Queen Elizabeth  
14:30 Hrs HSF Flotille IX (12) flotilla torpedo attack, target Queen Elizabeth  
Turn 40  
14:31 Hrs Frankfurt loses 1 primary gun starboard  
14:31 Hrs Lutzow turns away from King George V to NE due to close range  
14:31 Hrs Konig launches a torpedo at Indefatigable  
14:31 Hrs New Zealand maximum speed reduced by flooding  
14:31 Hrs Queen Elizabeth maximum speed reduced by flooding

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14:31 Hrs Konig maximum speed reduced by flooding  
14:31 Hrs Prinzregent Luitpold maximum speed reduced by flooding  
14:32 Hrs Ebling loses 1 primary gun starboard  
14:32 Hrs Frauenlob opens fire on Falmouth, range 12,657 yards  
14:32 Hrs Frankfurt turns away from Conqueror to SE due to close range  
14:32 Hrs Monarch launches a torpedo at Derfflinger  
14:32 Hrs Princess Royal avoiding torpedoes (toward) [fired by Lutzow]  
14:32 Hrs Queen Mary avoiding torpedoes (toward) [fired by Lutzow]  
14:32 Hrs Konig avoiding torpedoes (toward) [fired by Conqueror]  
14:32 Hrs Queen Elizabeth maximum speed reduced by flooding  
14:33 Hrs Valiant shifts fire to Lutzow, range 8,415 yards  
14:33 Hrs King George V shifts fire to Grosser Kurfurst, range 2,485 yards  
14:33 Hrs Nottingham shifts fire to Pillau, range 7,029 yards  
14:33 Hrs Dublin shifts fire to Ebling, range 7,080 yards  
14:33 Hrs Birkenhead shifts fire to Muenchen, range 11,101 yards  
14:33 Hrs Helgoland shifts fire to Queen Elizabeth, range 6,166 yards  
14:33 Hrs Oldenburg shifts fire to Valiant, range 6,238 yards  
14:33 Hrs Pillau shifts fire to Birmingham, range 7,424 yards  
14:33 Hrs Ebling shifts fire to Nottingham, range 7,490 yards  
14:33 Hrs Muenchen shifts fire to Yarmouth, range 10,622 yards  
14:33 Hrs Hamberg shifts fire to Birkenhead, range 11,490 yards  
14:33 Hrs Nottingham launches a torpedo at Lutzow  
14:33 Hrs New Zealand avoiding torpedoes (toward) [fired by Lutzow]  
14:33 Hrs New Zealand torpedoed [by Lutzow]  
14:33 Hrs New Zealand maximum speed reduced by hull damage  
14:33 Hrs New Zealand SINKS  
14:33 Hrs Kaiser uncontrolled flooding due to seastate  
14:33 Hrs Wiesbaden maximum speed reduced by flooding  
14:34 Hrs Falmouth shifts fire to Stettin, range 9,958 yards  
14:34 Hrs Wiesbaden shifts fire to Southampton, range 8,435 yards  
14:34 Hrs Konig turns away from Queen Elizabeth to NNE due to close range  
14:34 Hrs Centurion launches a torpedo at Grosser Kurfurst  
14:34 Hrs Princess Royal maximum speed reduced by flooding  
14:34 Hrs Warspite maximum speed reduced by flooding  
14:34 Hrs Seydlitz maximum speed reduced by flooding  
14:34 Hrs Kaiser maximum speed reduced by flooding  
14:35 Hrs Princess Royal torpedoed [by Seydlitz]  
14:35 Hrs Princess Royal maximum speed reduced by engineroom flooding  
14:35 Hrs Grosser Kurfurst avoiding torpedoes (away) [fired by Centurion]  
14:35 Hrs Princess Royal SINKS  
14:35 Hrs Queen Elizabeth maximum speed reduced by flooding  
14:35 Hrs Kaiserin new lead ship of Div-VI  
14:35 Hrs Konig primary ammo low  
14:35 Hrs Prinzregent Luitpold primary ammo low  
14:35 Hrs 1stBCS takes station to get support from battleline  
14:35 Hrs 2ndBCS takes station to get support from battleline  
Turn 41  
14:36 Hrs Valiant shifts fire to Konig, range 4,418 yards  
14:36 Hrs Warspite shifts fire to Grosser Kurfurst, range 6,376 yards  
14:36 Hrs Centurion shifts fire to Markgraf, range 1,725 yards  
14:36 Hrs Nottingham shifts fire to Wiesbaden, range 9,267 yards  
14:36 Hrs Yarmouth shifts fire to Stettin, range 8,989 yards  
14:36 Hrs Grosser Kurfurst shifts fire to Queen Elizabeth, range 3,559 yards  
14:36 Hrs Markgraf shifts fire to Valiant, range 3,930 yards

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14:36 Hrs Hamberg shifts fire to Yarmouth, range 9,775 yards  
14:36 Hrs Grosser Kurfurst turns away from King George V to SE due to close range  
14:36 Hrs Grosser Kurfurst maximum speed reduced by flooding  
14:36 Hrs Kaiser loses power, primary battery out of action  
14:37 Hrs Birmingham shifts fire to Frankfurt, range 10,875 yards  
14:37 Hrs Dublin shifts fire to Pillau, range 9,449 yards  
14:37 Hrs Flotille IX (12) turns away from Orion to SE due to close range  
14:37 Hrs Flotille VI (12) combing torpedoes (toward) [fired by Nottingham]  
14:37 Hrs Warspite maximum speed reduced by flooding  
14:37 Hrs Konig maximum speed reduced by flooding  
14:37 Hrs Grosser Kurfurst maximum speed reduced by flooding  
14:37 Hrs Markgraf maximum speed reduced by flooding  
14:37 Hrs Flotille IX (12) DISPERSED  
14:38 Hrs Monarch shifts fire to Kaiser, range 12,172 yards  
14:38 Hrs Queen Elizabeth loses 1 gun of B turret  
14:38 Hrs Lutzow avoiding torpedoes (away) [fired by Nottingham]  
14:38 Hrs Valiant maximum speed reduced by flooding  
14:38 Hrs Grosser Kurfurst maximum speed reduced by flooding  
14:38 Hrs Markgraf maximum speed reduced by flooding  
14:39 Hrs Grosser Kurfurst fire control damage  
14:39 Hrs Flotille II (12) turns away from Orion to SSE due to close range  
14:39 Hrs Queen Elizabeth capsizes  
14:39 Hrs Queen Elizabeth SINKS  
14:39 Hrs Valiant maximum speed reduced by flooding  
14:40 Hrs Helgoland shifts fire to Warspite, range 4,584 yards  
14:40 Hrs Flotille VI (12) turns away from Monarch to ESE due to close range  
14:40 Hrs Markgraf maximum speed reduced by flooding  
14:40 Hrs Grosser Kurfurst new lead ship of Div-V and new flagship of HSF  
14:40 Hrs Grand Fleet 1st Flotilla (15) flotilla torpedo attack, target  
14:40 Hrs Grand Fleet 9th Flotilla (15) flotilla torpedo attack, target  
14:40 Hrs Grand Fleet 13th Flotilla (15) flotilla torpedo attack, target  
14:40 Hrs HSF Flotille II (12) flotilla torpedo attack, target Valiant  
14:40 Hrs HSF Flotille VI (12) flotilla torpedo attack, target Valiant  
Turn 42  
14:41 Hrs Valiant loses 1 gun of B turret  
14:41 Hrs Thurigen shifts fire to Ajax, range 5,209 yards  
14:41 Hrs Centurion avoids collision with Konig  
14:41 Hrs 9th Flotilla (15) turns away from Flotille VI (12) to NNW due to close  
range  
14:41 Hrs Konig avoids collision with Centurion  
14:41 Hrs Valiant maximum speed reduced by flooding  
14:41 Hrs Konig maximum speed reduced by flooding  
14:41 Hrs Flotille VI (12) DISPERSED  
14:42 Hrs Friedrich Der Grosse shifts fire to King George V, range 4,722 yards  
14:42 Hrs Valiant maximum speed reduced by flooding  
14:42 Hrs Warspite maximum speed reduced by flooding  
14:43 Hrs Grosser Kurfurst shifts fire to Valiant, range 2,472 yards  
14:43 Hrs Ajax maximum speed reduced by flooding  
14:44 Hrs Wiesbaden loses 1 primary gun starboard  
14:44 Hrs Warspite fire control damage  
14:44 Hrs Thurigen launches a torpedo at Indefatigable  
14:44 Hrs Ajax maximum speed reduced by flooding  
14:44 Hrs Wiesbaden maximum speed reduced by flooding  
14:45 Hrs Warspite shifts fire to Konig, range 6,246 yards

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14:45 Hrs Ostfriesland shifts fire to Centurion, range 3,067 yards  
14:45 Hrs Thurigen shifts fire to Orion, range 6,942 yards  
14:45 Hrs Oldenburg shifts fire to Monarch, range 7,172 yards  
14:45 Hrs Wiesbaden shifts fire to Birmingham, range 12,183 yards  
14:45 Hrs Queen Mary avoids collision with Thurigen  
14:45 Hrs Thurigen avoids collision with Queen Mary  
14:45 Hrs Valiant loses power, primary battery out of action  
14:45 Hrs Warspite uncontrolled flooding due to seastate  
14:45 Hrs Markgraf new lead ship of Div-V and new flagship of HSF  
14:45 Hrs HSF Flotille II (12) flotilla torpedo attack, target Centurion  
Turn 43  
14:46 Hrs Queen Mary shifts fire to Lutzow, range 8,463 yards  
14:46 Hrs Gloucester shifts fire to Wiesbaden, range 13,777 yards  
14:47 Hrs Prinzregent Luitpold shifts fire to King George V, range 6,164 yards  
14:47 Hrs Kaiserin shifts fire to Ajax, range 7,396 yards  
14:47 Hrs Queen Mary avoids collision with Oldenburg  
14:47 Hrs Oldenburg avoids collision with Queen Mary  
14:49 Hrs Ajax shifts fire to Grosser Kurfurst, range 8,121 yards  
14:49 Hrs Dublin shifts fire to Frankfurt, range 13,095 yards  
14:49 Hrs Prinzregent Luitpold shifts fire to Valiant, range 4,792 yards  
14:49 Hrs Pillau shifts fire to Nottingham, range 12,126 yards  
14:49 Hrs Hamberg shifts fire to Birkenhead, range 8,063 yards  
14:49 Hrs Frauenlob shifts fire to Gloucester, range 8,120 yards  
14:49 Hrs Centurion launches a torpedo at Thurigen  
14:49 Hrs Warspite uncontrolled flooding due to seastate  
14:49 Hrs Konig loses power, primary battery out of action  
14:49 Hrs Prinzregent Luitpold uncontrolled flooding due to speed  
14:50 Hrs Stettin loses 1 primary gun port  
14:50 Hrs Flotille II (12) turns away from Orion to SE due to close range  
14:50 Hrs Centurion maximum speed reduced by flooding  
14:50 Hrs Thurigen primary ammo low  
14:50 Hrs HSF Flotille II (12) flotilla torpedo attack, target Centurion