

Scenario: North Sea Operation HSF, German

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)
I.A.G. in formation line ahead				
lead ship Lutzow -----	8N 132E	270	16 28 27	63 / 27
Div-V in formation line ahead				
lead ship Konig (F) -----	8N 160E	270	16 22 22	63 / 27
Div-VI in formation line ahead				
lead ship Kaiser -----	8N 164E	270	16 22 22	61 / 26
Div-I in formation line ahead				
lead ship Ostfriesland -----	8N 169E	270	16 21 21	59 / 26
II.A.G. in formation screen circular				
lead ship Frankfurt -----	0N 118E	270	16 28 27	
screen Wiesbaden -----	16N 118E	270	16 28	
screen Pillau -----	-8N 132E	270	16 27	
screen Ebling -----	24N 132E	270	16 27	
IV.A.G. in formation screen circular				
lead ship Stettin -----	0N 146E	270	16 25 21	
screen Muenchen -----	16N 146E	270	16 23	
screen Hamberg -----	-8N 160E	270	16 23	
screen Frauenlob -----	24N 160E	270	16 21	
Flot-II -----	Flotille II (12) -----	8N 152E	270	16 34
Flot-VI -----	Flotille VI (12) -----	14N 154E	270	16 33
Flot-IX -----	Flotille IX (12) -----	2N 154E	270	16 34

POSITIONS (operational movement)

Time	Flagship	Position (NM)	Course	Speed
11:20 Hrs	Konig -----	02N 39E	270	16 Initial position
12:16 Hrs	HSF sights smoke bearing WNW			

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

REPORTS for HSF

 Apparent wind on Konig from W at 26 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
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I.A.G. -----	Lutzow -----	10N 62E	292	16	16	16.0	28	27
Div-V -----	Konig -----	10N 86E	292	16	16	16.0	22	22
Div-VI -----	Kaiser -----	08N 90E	292	16	16	15.6	22	22
Div-I -----	Ostfriesland -----	07N 94E	292	16	15	16.2	21	21
II.A.G. -----	Frankfurt -----	01N 41E	315	16	23	19.6	28	27
1757 yds	Wiesbaden -----	26N 45E	348	16	20	17.2	28	--
3616 yds	Pillau -----	-14N 60E	287	16	24	21.6	27	--
2066 yds	Ebling -----	34N 67E	292	16	12	12.8	27	--
IV.A.G. -----	Stettin -----	01N 65E	314	16	21	19.2	25	21
1866 yds	Muenchen -----	26N 69E	346	16	20	17.2	23	--
3917 yds	Hamberg -----	-14N 84E	287	16	21	19.8	23	--
2452 yds	Frauenlob -----	34N 90E	292	16	12	12.4	21	--
Flot-II -----	Flotille II (12)(12) -----	12N 80E	292	16	16	16.4	34	--
Flot-VI -----	Flotille VI (12)(12) -----	16N 88E	292	16	16	16.8	33	--
Flot-IX -----	Flotille IX (12)(12) -----	04N 83E	292	16	16	16.8	34	--

HITS

Heavy caliber

Medium caliber

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

REPORTS for HSF

Apparent wind on Konig from W at 29 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	12N 56E	292	26	21	19.0	28	27
Div-V -----	Konig -----	12N 80E	292	19	19	18.2	22	22
Div-VI -----	Kaiser -----	11N 84E	292	19	18	17.4	22	22
500 yds	Kaiserin -----	09N 87E	292	16	17	15.0	22	--
400 yds	Friedrich Der Grosse -----	09N 88E	292	17	17	15.0	22	--
Div-I -----	Ostfriesland -----	09N 88E	292	19	18	17.2	21	21
400 yds	Thurigen -----	08N 90E	292	17	17	15.0	21	--
334 yds	Helgoland -----	08N 91E	292	17	17	15.4	21	--
916 yds	Oldenburg -----	07N 93E	288	16	16	14.4	21	--
II.A.G. -----	Frankfurt -----	06N 35E	305	16	26	25.4	28	27
screen	Wiesbaden -----	31N 41E	292	16	18	21.2	28	--
2634 yds	Pillau -----	-11N 52E	289	16	25	24.8	27	--
2565 yds	Ebling -----	36N 60E	292	16	22	18.0	27	--
IV.A.G. -----	Stettin -----	05N 59E	306	16	23	22.4	25	21
screen	Muenchen -----	31N 65E	292	16	18	19.4	23	--
3367 yds	Hamberg -----	-12N 78E	289	16	22	21.4	23	--
1919 yds	Frauenlob -----	36N 85E	292	16	15	14.8	21	--

Flot-II	-----	Flotille II (12)(12)	-----	15N 75E	292	19	19	17.6	34	--
Flot-VI	-----	Flotille VI (12)(12)	-----	18N 82E	292	19	19	17.6	33	--
Flot-IX	-----	Flotille IX (12)(12)	-----	07N 78E	292	19	19	17.6	34	--

HITS Heavy caliber Medium caliber

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

REPORTS for HSF

Wiesbaden reports smoke bearing WNW, about 15 NM, multiple ships
Wiesbaden reports smoke bearing WNW, about 15 NM, 2 columns
Wiesbaden reports smoke bearing WNW, about 15 NM
Wiesbaden reports smoke bearing WNW, about 20 NM
Wiesbaden reports smoke bearing WNW, about 15 NM
Wiesbaden reports smoke bearing W, about 15 NM
Apparent wind on Konig from W at 29 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)						
I.A.G.	----- Lutzow	----- 15N 49E	292	26	25	23.6	28	27		
Div-V	----- Konig	----- 15N 74E	292	19	19	19.0	22	22		
Div-VI	----- Kaiser	----- 13N 78E	292	19	19	19.0	22	22		
	600 yds Kaiserin	----- 12N 81E	292	16	19	18.6	22	--		
Div-I	----- Ostfriesland	----- 11N 82E	292	19	19	18.8	21	21		
	600 yds Thurigen	----- 10N 84E	292	17	19	18.0	21	--		
	1172 yds Oldenburg	----- 09N 87E	291	16	18	17.6	21	--		
II.A.G.	----- Frankfurt	----- 11N 27E	297	16	27	26.6	28	27		
	screen Wiesbaden	----- 34N 34E	292	16	19	18.8	28	--		
	2228 yds Pillau	----- -08N 44E	290	16	26	26.0	27	--		
	2299 yds Ebling	----- 39N 53E	292	16	22	22.0	27	--		
IV.A.G.	----- Stettin	----- 10N 53E	300	16	24	23.6	25	21		
	screen Muenchen	----- 34N 59E	292	16	19	18.8	23	--		
	2794 yds Hamberg	----- -09N 71E	290	16	23	22.4	23	--		
	1252 yds Frauenlob	----- 38N 81E	292	16	15	15.0	21	--		
Flot-II	----- Flotille II (12)(12)	----- 17N 69E	292	19	19	19.0	34	--		
Flot-VI	----- Flotille VI (12)(12)	----- 20N 76E	292	19	19	19.0	33	--		
Flot-IX	----- Flotille IX (12)(12)	----- 09N 72E	292	19	19	19.0	34	--		

HITS Heavy caliber Medium caliber

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

REPORTS for HSF

Wiesbaden reports smoke bearing WNW, about 20 NM, multiple ships
 Wiesbaden reports smoke bearing WNW, about 15 NM, multiple ships
 Apparent wind on Konig from W at 29 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	19N 41E	292	26	26	25.6	28	27
Div-V -----	Konig -----	17N 68E	292	19	19	19.0	22	22
Div-VI -----	Kaiser -----	15N 72E	292	19	19	19.0	22	22
Div-I -----	Ostfriesland -----	14N 77E	292	19	19	19.0	21	21
	1139 yds Oldenburg -----	12N 81E	292	16	20	19.2	21	--
II.A.G. -----	Frankfurt -----	14N 19E	293	16	28	27.6	28	27
	screen Wiesbaden -----	37N 26E	292	16	19	19.0	28	--
	1994 yds Pillau -----	-05N 35E	291	16	27	27.0	27	--
	1700 yds Ebling -----	42N 46E	292	16	22	22.0	27	--
IV.A.G. -----	Stettin -----	14N 45E	292	16	19	22.2	25	21
	screen Muenchen -----	36N 54E	292	16	19	19.0	23	--
	2126 yds Hamberg -----	-07N 63E	291	16	23	23.0	23	--
	587 yds Frauenlob -----	40N 76E	292	16	15	15.0	21	--
Flot-II -----	Flotille II (12)(12) -----	19N 63E	292	19	19	19.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	23N 71E	292	19	19	19.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	11N 66E	292	19	19	19.0	34	--

HITS

Heavy caliber Medium caliber

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

REPORTS for HSF

Wiesbaden reports smoke bearing WNW, about 15 NM, 4 columns
 Wiesbaden reports smoke bearing WNW, about 20 NM, multiple ships
 Wiesbaden reports smoke bearing WNW, about 15 NM, multiple ships
 Sighted Lion class BC ----- 47N -18E, Crs 095, Spd 25 from Wiesbaden
 Sighted Lion class BC ----- 47N -17E, Crs 095, Spd 25 from Wiesbaden
 another ----- 48N -18E, Crs 095, Spd 25
 Apparent wind on Konig from W at 29 knots (2 points to port)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	22N 33E	292	26	26	26.0	28	27
Div-V -----	Konig -----	19N 62E	292	19	19	19.0	22	22

Div-VI -----	Kaiser -----	18N 67E	292	19	19	19.0	22	22
Div-I -----	Ostfriesland -----	16N 71E	292	19	19	19.0	21	21
939 yds	Oldenburg -----	14N 75E	292	16	21	20.2	21	--
II.A.G. -----	Frankfurt -----	18N 09E	292	16	19	19.0	28	27
screen	Wiesbaden -----	41N 18E	292	16	19	19.0	28	--
1827 yds	Pillau -----	-02N 27E	292	16	27	27.0	27	--
994 yds	Ebling -----	45N 40E	292	16	22	22.4	27	--
IV.A.G. -----	Stettin -----	16N 39E	292	16	19	19.0	25	21
screen	Muenchen -----	38N 48E	292	16	19	19.0	23	--
1459 yds	Hamberg -----	-04N 56E	292	16	23	23.0	23	--
screen	Frauenlob -----	42N 71E	292	16	18	17.6	21	--
Flot-II -----	Flotille II (12)(12) -----	22N 57E	292	19	19	19.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	25N 65E	292	19	19	19.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	14N 60E	292	19	19	19.0	34	--

HITS Heavy caliber Medium caliber

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

REPORTS for HSF

Wiesbaden reports smoke bearing NW, about 15 NM, multiple ships
Sighted Indefatigable class BC ----- 47N -18E, Crs 095, Spd 25 from Frankfurt
another ----- 48N -21E, Crs 095, Spd 25
Sighted 4 funneled cruiser ----- 70N -03E, Crs 095, Spd 20 from Wiesbaden
Sighted 4 funneled cruiser ----- 62N -08E, Crs 095, Spd 20 from Wiesbaden
another ----- 54N -12E, Crs 085, Spd 25
another ----- 45N -16E, Crs 085, Spd 25
Apparent wind on Konig from W at 29 knots (2 points to port)

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Frankfurt ----->	Chatham -----	14,203			/Range rate high
Wiesbaden ----->	Birmingham -----	14,375			

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
I.A.G. -----	Lutzow -----	30N 32E	352	26 23 22.4 28 27
Div-V -----	Konig -----	22N 57E	292	19 19 19.0 22 22
Div-VI -----	Kaiser -----	20N 61E	292	19 19 19.0 22 22
Div-I -----	Ostfriesland -----	18N 65E	292	19 19 19.0 21 21
606 yds	Oldenburg -----	17N 69E	292	16 21 21.0 21 --
II.A.G. -----	Frankfurt -----	26N 09E	004	16 23 20.2 28 27

9965 yds	Wiesbaden -----	46N 21E	030	16	21	18.6	28	--
12944 yds	Pillau -----	06N 24E	337	16	24	24.2	27	--
8757 yds	Ebling -----	47N 46E	052	16	21	19.2	27	--
IV.A.G. -----	Stettin -----	18N 33E	292	16	19	19.0	25	21
screen	Muenchen -----	41N 42E	292	16	19	19.0	23	--
792 yds	Hamberg -----	-01N 49E	292	16	23	23.0	23	--
screen	Frauenlob -----	44N 66E	292	16	19	19.0	21	--
Flot-II -----	Flotille II (12)(12) -----	24N 51E	292	19	19	19.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	27N 59E	292	19	19	19.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	16N 54E	292	19	19	19.0	34	--

HITS Heavy caliber Medium caliber

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

REPORTS for HSF

Frankfurt turns away to E due to medium or heavy shells
 Apparent wind on Konig from W at 29 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	16,303		2	/Range rate high
Derfflinger ----->	1	Lion -----	16,522		3	/Range rate high
Seydlitz ----->	2	Lion -----	17,321	8		/Range rate high
Moltke ----->	1	Lion -----	17,186	8	3	/Range rate high
Frankfurt ----->		Chatham -----	8,451	3	3	
Wiesbaden ----->		Birmingham -----	11,026			

third ship in enemy unit, Lion class not under fire
 first ship in enemy unit, Indefatigable class not under fire
 second ship in enemy unit, Indefatigable class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	38N 30E	352	26	25	24.6	28	27
434 yds	Moltke -----	34N 31E	352	23	24	22.6	27	--
Div-V -----	Konig -----	24N 51E	292	19	19	19.0	22	22
Div-VI -----	Kaiser -----	22N 55E	292	19	19	19.0	22	22
Div-I -----	Ostfriesland -----	21N 59E	292	19	19	19.0	21	21
II.A.G. -----	Frankfurt -----	34N 10E	003	16	26	25.4	28	27
screen	Wiesbaden -----	54N 23E	352	16	21	23.4	28	--
screen	Pillau -----	13N 21E	352	16	21	23.6	27	--
screen	Ebling -----	53N 49E	352	16	19	22.2	27	--

IV.A.G. -----	Stettin -----	21N 27E	292	16	19	19.0	25	21
screen	Muenchen -----	43N 36E	292	16	19	19.0	23	--
screen	Hamberg -----	02N 42E	292	16	19	19.0	23	--
screen	Frauenlob -----	46N 60E	292	16	19	19.0	21	--
Flot-II -----	Flotille II (12)(12) -----	26N 45E	292	19	19	19.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	30N 53E	292	19	19	19.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	19N 48E	292	19	19	19.0	34	--

HITS Heavy caliber Medium caliber

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

REPORTS for HSF

Frankfurt turns away to SE due to medium or heavy shells
Apparent wind on Konig from W at 29 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	13,629			
Derfflinger ----->	2	Lion -----	13,898		2	Lion class
Seydlitz ----->	3	Lion -----	14,152			Lion class
Moltke ----->	2	Lion -----	13,753		2	Lion class
Frankfurt ----->		Chatham -----	3,280		5	
Wiesbaden ----->		Birmingham -----	6,651			
Stettin ----->		Chatham -----	13,017		5	/Range rate high
Muenchen ----->		Birmingham -----	13,280	1	2	/Range rate high

second ship in enemy unit, Indefatigable class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	45N 34E	022	26	25	24.8	28	27
Div-V -----	Konig -----	26N 45E	292	19	19	19.0	22	22
Div-VI -----	Kaiser -----	25N 49E	292	19	19	19.0	22	22
Div-I -----	Ostfriesland -----	23N 53E	292	19	19	19.0	21	21
II.A.G. -----	Frankfurt -----	42N 14E	026	16	26	25.4	28	27
screen	Wiesbaden -----	59N 23E	352	16	16	16.6	28	--
screen	Pillau -----	19N 21E	352	16	16	16.6	27	--
screen	Ebling -----	58N 48E	352	16	16	16.0	27	--
IV.A.G. -----	Stettin -----	23N 21E	292	16	19	19.0	25	21
screen	Muenchen -----	45N 30E	292	16	19	19.0	23	--
screen	Hamberg -----	04N 36E	292	16	19	19.0	23	--
screen	Frauenlob -----	49N 54E	292	16	19	19.0	21	--

Flot-II	-----	Flotille II (12)(12)	-----	29N 39E	292	19	19	19.0	34	--
Flot-VI	-----	Flotille VI (12)(12)	-----	32N 47E	292	19	19	19.0	33	--
Flot-IX	-----	Flotille IX (12)(12)	-----	21N 43E	292	19	19	19.0	34	--

HITS		Heavy caliber	Medium caliber
1 Lion class	-----	1 hit, 1 total	
1 Indefatigable class	-----	1 hit, 1 total	
Lutzow	-----	1 hit, 1 total	

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

REPORTS for HSF

Sighted Queen Elizabeth class DN ----- 60N -21E, Crs 095, Spd 20 from Frankfurt
Sighted Queen Elizabeth class DN ----- 59N -17E, Crs 095, Spd 20 from Wiesbaden
another ----- 59N -18E, Crs 095, Spd 20
Sighted King George V class DN ----- 64N -17E, Crs 095, Spd 20 from Wiesbaden
Sighted King George V class DN ----- 64N -18E, Crs 095, Spd 20 from Wiesbaden
Sighted Orion class DN ----- 68N -17E, Crs 095, Spd 20 from Wiesbaden
Sighted Orion class DN ----- 68N -16E, Crs 095, Spd 20 from Wiesbaden
Sighted 14 destroyers ----- 63N -10E, Crs 095, Spd 20 from Wiesbaden
Sighted 12 destroyers ----- 58N -10E, Crs 095, Spd 20 from Wiesbaden
Seydlitz seastate: tertiary limited
Moltke seastate: tertiary limited
Apparent wind on Konig from W at 30 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	12,187		2	Birmingham class
Derfflinger ----->	2	Lion -----	12,351			Lion class
Seydlitz ----->	3	Lion -----	12,569		2	Lion class
Konig ----->	1	Lion -----	18,590	4	2	Birmingham class/Range rate high
Grosser Kurfurst ----->	1	Lion -----	19,059	4	3	Konig/3ptsS/Range rate high
Markgraf ----->	1	Lion -----	19,530	4	4	Grosser Kurfurst/3ptsS/Range rate high
Wiesbaden ----->		Birmingham -----	3,108		2	
Ebling ----->		Birmingham -----	14,847		2	/Range rate high
Stettin ----->		Chatham -----	12,558			
Muenchen ----->		Chatham -----	10,993			

first ship in enemy unit, Indefatigable class not under fire
second ship in enemy unit, Indefatigable class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
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I.A.G. -----	Lutzow -----	40N 33E	202	27	20	19.8	28	27
292 yds	Seydlitz -----	41N 34E	201	21	14	18.0	27	--
1054 yds	Moltke -----	40N 35E	202	21	12	19.4	27	--
Div-V -----	Konig -----	29N 39E	292	22	20	19.6	22	22
Div-VI -----	Kaiser -----	27N 43E	292	20	19	19.0	22	22
Div-I -----	Ostfriesland -----	26N 47E	292	20	19	19.0	21	21
II.A.G. -----	Frankfurt -----	35N 17E	168	16	25	22.8	28	27
15741 yds	Wiesbaden -----	56N 21E	197	16	17	15.8	28	--
17763 yds	Pillau -----	16N 23E	147	16	17	15.8	27	--
17353 yds	Ebling -----	56N 45E	226	16	17	15.8	27	--
IV.A.G. -----	Stettin -----	26N 15E	292	16	19	19.0	25	21
screen	Muenchen -----	48N 24E	292	16	19	19.0	23	--
screen	Hamberg -----	07N 30E	292	16	19	19.0	23	--
screen	Frauenlob -----	51N 48E	292	16	19	19.0	21	--
Flot-II -----	Flotille II (12)(12) -----	35N 43E	033	34	21	18.6	34	--
Flot-VI -----	Flotille VI (12)(12) -----	39N 49E	018	33	22	19.4	33	--
Flot-IX -----	Flotille IX (12)(12) -----	27N 46E	034	34	21	18.6	34	--

HITS	Heavy caliber	Medium caliber
1 Lion class -----	3 hits, 4 total	
3 Lion class -----	2 hits, 2 total	
Lutzow -----	1 hit, 2 total	
Derfflinger -----	1 hit, 1 total	

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

REPORTS for HSF

Wiesbaden turns away to SE due to close range
Wiesbaden primary guns damaged
Wiesbaden primary magazine lost
Wiesbaden primary guns damaged
Wiesbaden maximum speed reduced by flooding
Wiesbaden primary guns damaged
Wiesbaden maximum speed reduced by flooding
Sighted Queen Elizabeth class DN ----- 59N -18E, Crs 095, Spd 20 from Wiesbaden
Sighted King George V class DN ----- 64N -17E, Crs 095, Spd 20 from Wiesbaden
Sighted Erin class DN ----- 63N -16E, Crs 105, Spd 20 from Muenchen
Sighted Orion class DN ----- 67N -14E, Crs 105, Spd 20 from Wiesbaden
Sighted Orion class DN ----- 67N -14E, Crs 105, Spd 20 from Muenchen
Sighted 14 destroyers ----- 67N -08E, Crs 095, Spd 20 from Wiesbaden
Apparent wind on Konig from W at 30 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	13,184		2	
Derfflinger ----->	2	Lion -----	13,029		2	Lion class
Seydlitz ----->	3	Lion -----	12,949		2	Lion class
Moltke ----->	3	Lion -----	13,141		3	Lion class
Konig ----->	1	Lion -----	16,924	4	2	
Markgraf ----->	2	Lion -----	17,616	4	2	Lutzow
Kronprinz ----->	3	Lion -----	17,873	4	4	Derfflinger
Friedrich Der Grosse ----->	2	Indefatigable -----	19,574	4		Derfflinger
Ostfriesland ----->	1	Indefatigable -----	19,582	6		Friedrich Der Grosse/3ptsS/Range rate
high						
Wiesbaden ----->	1	Chatham -----	9,579	3		
Stettin ----->	3	Birmingham -----	12,617	1	2	
Muenchen ----->	1	Chatham -----	11,701			

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	35N 27E	234	25	23	21.4	28	27
	459 yds Seydlitz -----	37N 29E	233	21	19	17.0	27	--
	936 yds Moltke -----	38N 31E	233	18	13	12.0	27	--
Div-V -----	Konig -----	32N 32E	293	22	21	20.8	22	22
Div-VI -----	Kaiser -----	30N 37E	293	21	20	20.0	22	22
Div-I -----	Ostfriesland -----	28N 41E	293	21	20	19.8	21	21
II.A.G. -----	Frankfurt -----	35N 24E	091	27	24	21.8	28	21
	8733 yds Wiesbaden -----	52N 25E	130	16	18	15.4	21	--
	7628 yds Pillau -----	21N 27E	039	16	20	17.4	27	--
	14462 yds Ebling -----	50N 46E	165	16	22	19.0	27	--
IV.A.G. -----	Stettin -----	32N 16E	008	21	21	18.6	25	21
	8141 yds Muenchen -----	47N 18E	296	18	18	18.6	23	--
	10614 yds Hamberg -----	13N 28E	346	19	20	18.8	23	--
	18176 yds Frauenlob -----	54N 42E	300	19	20	19.4	21	--
Flot-II -----	Flotille II (12)(12) -----	34N 36E	254	34	24	21.6	34	--
Flot-VI -----	Flotille VI (12)(12) -----	38N 42E	253	33	24	22.4	33	--
Flot-IX -----	Flotille IX (12)(12) -----	26N 39E	255	34	24	21.6	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	2 hits, 6 total	
2 Lion class -----	1 hit, 1 total	
3 Lion class -----	1 hit, 3 total	
Lutzow -----	2 hits, 4 total	
Moltke -----	3 hits, 3 total	
Wiesbaden heavy damage		

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

REPORTS for HSF

Lutzow primary guns damaged

Sighted 4 funneled cruiser ----- 75N -07E, Crs 115, Spd 20 from Muenchen
 another ----- 75N -08E, Crs 115, Spd 20

Sighted 4 funneled cruiser ----- 75N -07E, Crs 115, Spd 20 from Muenchen

Apparent wind on Konig from W at 31 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	12,232	4	2	
Derfflinger ----->	2	Lion -----	12,524	4	2	Lutzow/3ptsS
Seydlitz ----->	3	Lion -----	12,776	2	2	Derfflinger/3ptsS
Moltke ----->	1	Indefatigable -----	12,010	8	3	
Konig ----->	1	Lion -----	15,066	4	2	Seydlitz
Grosser Kurfurst ----->	2	Lion -----	15,203	4	2	Konig/3ptsS
Markgraf ----->	3	Lion -----	15,574	4	2	Grosser Kurfurst/3ptsS
Kronprinz ----->	1	Indefatigable -----	14,645	4	5	Markgraf/3ptsS
Prinzregent Luitpold ----->	2	Lion -----	17,368	2	3	Flotille II (12)
Kaiserin ----->	2	Indefatigable -----	15,971	4		Prinzregent Luitpold/3ptsS
Friedrich Der Grosse ----->	1	Lion -----	18,717	2	3	Kaiserin/3ptsS
Thurigen ----->	1	Indefatigable -----	17,905	2	4	Ostfriesland/3ptsS

first ship in enemy unit, Queen Elizabeth class not under fire
second ship in enemy unit, Queen Elizabeth class not under fire
third ship in enemy unit, Queen Elizabeth class not under fire
fourth ship in enemy unit, Queen Elizabeth class not under fire
first ship in enemy unit, King George V class not under fire
third ship in enemy unit, King George V class not under fire
fourth ship in enemy unit, Erin class not under fire
first ship in enemy unit, Orion class not under fire
second ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
I.A.G. -----	Lutzow -----	37N 20E	293	22 21 20.0 28 27
	1632 yds Moltke -----	37N 26E	268	20 18 16.0 27 --
Div-V -----	Konig -----	34N 26E	293	22 22 21.8 22 22
Div-VI -----	Kaiser -----	33N 30E	293	22 21 21.0 22 22
Div-I -----	Ostfriesland -----	31N 34E	293	21 21 20.8 21 21
II.A.G. -----	Frankfurt -----	33N 31E	140	21 21 21.0 28 21

6236 yds	Wiesbaden	-----	46N 30E	158	16	25	23.0	21	--
4094 yds	Pillau	-----	27N 32E	046	16	25	23.8	27	--
8769 yds	Ebling	-----	42N 45E	200	16	25	24.4	27	--
IV.A.G.	Stettin	-----	39N 15E	293	21	21	21.0	25	21
4059 yds	Muenchen	-----	46N 12E	227	19	20	18.2	23	--
10588 yds	Hamberg	-----	19N 25E	314	20	21	20.6	23	--
12682 yds	Frauenlob	-----	56N 36E	260	19	21	20.4	21	--
Flot-II	Flotille II (12)(12)	-----	34N 28E	339	34	31	29.0	34	--
Flot-VI	Flotille VI (12)(12)	-----	37N 33E	306	33	30	28.8	33	--
Flot-IX	Flotille IX (12)(12)	-----	26N 32E	348	34	31	29.0	34	--

HITS

		Heavy caliber	Medium caliber
1	Lion class	-----	2 hits, 8 total
2	Lion class	-----	2 hits, 3 total
	Lutzow	-----	3 hits, 7 total

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

REPORTS for HSF

Seydlitz primary guns damaged
Sighted 4 funneled cruiser ----- 75N -06E, Crs 115, Spd 25 from Muenchen
Apparent wind on Konig from NNW at 8 knots (port bow)

TARGETING

Firing ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow	----->	1 Lion	-----	11,260	2	Indefatigable class
Derfflinger	----->	2 Lion	-----	11,247	3	Indefatigable class
Seydlitz	----->	3 Lion	-----	10,878	3	Muenchen
Moltke	----->	1 Indefatigable	-----	10,641	8	Indefatigable class
Konig	----->	1 Queen Elizabeth	-----	17,795		Lion class
Grosser Kurfurst	----->	2 Queen Elizabeth	-----	17,420		Lutzow
Markgraf	----->	3 Lion	-----	13,725	3	Lutzow
Kaiser	----->	4 Queen Elizabeth	-----	16,747		Seydlitz
Prinzregent Luitpold	----->	2 Lion	-----	14,183	4	3 Moltke
Kaiserin	----->	1 King George V	-----	19,187	8	Seydlitz
Thurigen	----->	1 Lion	-----	16,180	2	2 Ostfriesland/3ptsS
Helgoland	----->	2 Lion	-----	16,688	2	3 Ostfriesland
Oldenburg	----->	3 Lion	-----	16,877	2	3 Helgoland/3ptsS
Frauenlob	----->	3 Birmingham	-----	12,710		
second ship in enemy unit, Indefatigable class not under fire						
fourth ship in enemy unit, Erin class not under fire						
first ship in enemy unit, Orion class not under fire						

second ship in enemy unit, Orion class not under fire
 third ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	42N 24E	046	26	18	17.6	28	27
Div-V -----	Konig -----	39N 29E	035	19	16	15.8	22	22
Div-VI -----	Kaiser -----	36N 27E	035	15	13	19.4	22	22
	1462 yds Friedrich Der Grosse -----	35N 27E	308	14	19	20.8	22	--
Div-I -----	Ostfriesland -----	35N 28E	305	21	21	21.0	21	21
II.A.G. -----	Frankfurt -----	31N 33E	175	21	16	17.4	28	21
	3968 yds Wiesbaden -----	40N 33E	178	16	20	21.8	21	--
	4200 yds Ebling -----	39N 40E	211	16	18	19.4	27	--
IV.A.G. -----	Stettin -----	41N 18E	128	21	13	17.4	25	21
	708 yds Muenchen -----	43N 17E	139	19	17	16.8	23	--
	10108 yds Hamberg -----	25N 27E	048	19	16	18.2	23	--
	10078 yds Frauenlob -----	56N 32E	175	18	11	16.6	21	--
Flot-II -----	Flotille II (12)(12) -----	39N 33E	035	15	15	16.4	34	--
Flot-VI -----	Flotille VI (12)(12) -----	37N 35E	035	15	14	16.8	33	--
Flot-IX -----	Flotille IX (12)(12) -----	35N 33E	009	34	28	24.0	34	--

HITS

	Heavy caliber	Medium caliber
2 Lion class -----	1 hit, 4 total	
3 Lion class -----	2 hits, 5 total	
1 Indefatigable class -----	2 hits, 3 total	
Seydlitz -----	1 hit, 1 total	

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

REPORTS for HSF

Apparent wind on Konig from NW at 17 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	12,363		2	Lion class
Derfflinger ----->	1	Lion -----	12,552		2	Lion class
Seydlitz ----->	2	Lion -----	11,996			
Moltke ----->	1	Indefatigable -----	11,531			Indefatigable class
Konig ----->	1	Queen Elizabeth -----	18,241			Lutzow
Grosser Kurfurst ----->	2	Queen Elizabeth -----	18,232		2	Derfflinger
Markgraf ----->	1	Queen Elizabeth -----	18,749		2	Derfflinger
Kronprinz ----->	3	Queen Elizabeth -----	18,599			Seydlitz

Kaiserin -----> 1 King George V -----19,756 8 M Destroyer class
 Friedrich Der Grosse -----> 2 King George V -----19,601 M Destroyer class
 third ship in enemy unit, Lion class not under fire
 second ship in enemy unit, Indefatigable class not under fire
 fourth ship in enemy unit, Erin class not under fire
 first ship in enemy unit, Orion class not under fire
 second ship in enemy unit, Orion class not under fire
 third ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	48N 26E	016	20	20	19.6	28	27
	527 yds Moltke -----	44N 25E	020	20	18	16.0	27	--
Div-V -----	Konig -----	45N 30E	005	19	19	17.8	22	22
Div-VI -----	Kaiser -----	41N 29E	005	18	16	15.2	22	22
	428 yds Prinzregent Luitpold -----	39N 29E	016	16	14	12.8	22	--
	687 yds Friedrich Der Grosse -----	37N 28E	028	15	12	13.6	22	--
Div-I -----	Ostfriesland -----	36N 29E	005	18	11	13.6	21	21
II.A.G. -----	Frankfurt -----	36N 34E	002	21	19	16.4	28	21
	1336 yds Wiesbaden -----	38N 33E	272	18	16	20.0	21	--
	1457 yds Ebling -----	36N 34E	259	16	21	19.4	27	--
IV.A.G. -----	Stettin -----	41N 21E	136	21	12	12.2	25	21
	6614 yds Hamberg -----	31N 26E	349	19	20	18.6	23	--
	7162 yds Frauenlob -----	53N 30E	189	14	12	11.8	21	--
Flot-II -----	Flotille II (12)(12) -----	47N 34E	005	18	18	18.4	34	--
Flot-VI -----	Flotille VI (12)(12) -----	44N 35E	004	33	23	19.2	33	--
Flot-IX -----	Flotille IX (12)(12) -----	45N 34E	005	18	18	23.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	2 hits, 10 total	
3 Lion class -----	1 hit, 6 total	
1 Indefatigable class -----	2 hits, 5 total	
1 Queen Elizabeth class -----	1 hit, 1 total	
4 Queen Elizabeth class -----	1 hit, 1 total	
1 King George V class -----	1 hit, 1 total	
Lutzow -----	1 hit, 8 total	
Derfflinger -----	2 hits, 3 total	
Konig -----	1 hit, 1 total	

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

REPORTS for HSF

Apparent wind on Konig from NW at 19 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	11,897		2	
Derfflinger ----->	1	Lion -----	12,176		2	
Seydlitz ----->	2	Lion -----	11,861	6		Lion class
Moltke ----->	1	Indefatigable -----	12,197	8		Lion class
Konig ----->	1	Queen Elizabeth -----	16,756			Derfflinger
Grosser Kurfurst ----->	2	Queen Elizabeth -----	17,018		2	Seydlitz
Markgraf ----->	3	Queen Elizabeth -----	17,281			Moltke
Kronprinz ----->	4	Queen Elizabeth -----	17,481		2	
Kaiser ----->	4	Queen Elizabeth -----	17,953	8	2	
Prinzregent Luitpold ----->	2	Queen Elizabeth -----	18,937	8	2	Lion class
Kaiserin ----->	1	King George V -----	19,574	4		
Thurigen ----->	4	Erin -----	19,550	6		Indefatigable class

third ship in enemy unit, Lion class not under fire
second ship in enemy unit, Indefatigable class not under fire
third ship in enemy unit, King George V class not under fire
first ship in enemy unit, Orion class not under fire
second ship in enemy unit, Orion class not under fire
third ship in enemy unit, Orion class not under fire
fourth ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	55N 27E	005	21	21	21.2	28	27
Div-V -----	Konig -----	51N 29E	353	19	19	19.0	22	22
Div-VI -----	Kaiser -----	47N 29E	353	19	19	18.2	22	22
	830 yds Prinzregent Luitpold -----	44N 29E	000	18	18	16.8	22	--
	1225 yds Kaiserin -----	43N 29E	359	16	15	13.0	22	--
	1229 yds Friedrich Der Grosse -----	42N 29E	005	17	17	15.0	22	--
Div-I -----	Ostfriesland -----	41N 29E	357	21	16	14.0	21	21
	293 yds Thurigen -----	39N 29E	359	15	14	12.0	21	--
	381 yds Oldenburg -----	37N 29E	002	15	13	11.0	21	--
II.A.G. -----	Frankfurt -----	43N 33E	351	21	21	21.0	28	21
	300 yds Ebling -----	40N 34E	350	19	16	17.4	27	--
IV.A.G. -----	Stettin -----	41N 23E	143	21	12	12.0	25	21
	2656 yds Hamberg -----	38N 25E	338	20	21	20.6	23	--
	4296 yds Frauenlob -----	49N 28E	193	16	16	14.4	21	--
Flot-II -----	Flotille II (12)(12) -----	54N 32E	353	19	19	19.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	53N 35E	353	19	19	25.8	33	--
Flot-IX -----	Flotille IX (12)(12) -----	52N 33E	353	19	19	19.0	34	--

HITS	Heavy caliber	Medium caliber
1 Lion class -----	2 hits, 12 total	
2 Lion class -----	3 hits, 7 total	
1 Indefatigable class -----	2 hits, 7 total	
1 Queen Elizabeth class -----	1 hit, 2 total	
2 Queen Elizabeth class -----	3 hits, 3 total	
Derfflinger -----	1 hit, 4 total	
Moltke -----	3 hits, 6 total	

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

REPORTS for HSF

Moltke primary guns damaged
Apparent wind on Konig from N at 9 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	11,631		4	
Derfflinger ----->	1	Lion -----	11,573		4	
Seydlitz ----->	2	Lion -----	11,583			Lion class
Moltke ----->	1	Indefatigable -----	11,748			Lion class
Konig ----->	1	Queen Elizabeth -----	15,234			Seydlitz
Grosser Kurfurst ----->	2	Queen Elizabeth -----	15,500		3	Moltke
Markgraf ----->	2	Queen Elizabeth -----	15,515		3	Moltke
Kronprinz ----->	3	Queen Elizabeth -----	15,825			Erin class
Kaiser ----->	4	Queen Elizabeth -----	16,082		2	
Prinzregent Luitpold ----->	2	Queen Elizabeth -----	16,452	8	3	Indefatigable class
Kaiserin ----->	1	Lion -----	15,444	4	4	
Friedrich Der Grosse ----->	2	King George V -----	16,905	4		Lion class
Ostfriesland ----->	4	Queen Elizabeth -----	18,711	8	2	Friedrich Der Grosse
Thurigen ----->	4	Erin -----	18,243	8		Frauenlob
Helgoland ----->	3	Queen Elizabeth -----	19,421	8	2	Frauenlob
Oldenburg ----->	1	Lion -----	18,227	6	4	Frauenlob

third ship in enemy unit, Lion class not under fire
second ship in enemy unit, Indefatigable class not under fire
first ship in enemy unit, King George V class not under fire
third ship in enemy unit, King George V class not under fire
first ship in enemy unit, Orion class not under fire
second ship in enemy unit, Orion class not under fire
third ship in enemy unit, Orion class not under fire
fourth ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	60N 32E	046	23	23	21.6	28	27
Div-V -----	Konig -----	56N 32E	036	19	18	17.6	22	22
Div-VI -----	Kaiser -----	53N 30E	036	18	16	17.4	22	22
	1355 yds Kaiserin -----	49N 29E	010	18	19	17.6	22	--
	1235 yds Friedrich Der Grosse -----	48N 29E	007	17	19	18.6	22	--
Div-I -----	Ostfriesland -----	46N 30E	013	21	18	17.6	21	21
	653 yds Oldenburg -----	42N 29E	009	17	17	15.8	21	--
II.A.G. -----	Frankfurt -----	49N 37E	029	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	38N 26E	149	21	17	14.0	25	21
	1763 yds Frauenlob -----	43N 27E	184	18	19	18.4	21	--
Flot-II -----	Flotille II (12)(12) -----	55N 37E	036	18	14	15.6	34	--
Flot-VI -----	Flotille VI (12)(12) -----	54N 38E	036	18	18	18.8	33	--
Flot-IX -----	Flotille IX (12)(12) -----	54N 36E	036	18	18	18.8	34	--

HITS

	Heavy caliber	Medium caliber
2 Lion class -----	1 hit, 8 total	
1 Indefatigable class -----	2 hits, 9 total	
2 Queen Elizabeth class -----	1 hit, 4 total	
4 Queen Elizabeth class -----	3 hits, 4 total	
4 Erin class -----	1 hit, 1 total	
Lutzow -----	6 hits, 14 total	
Lutzow medium damage		
Derfflinger -----	1 hit, 5 total	
Seydlitz -----	5 hits, 6 total	
Moltke -----	7 hits, 13 total	
Grosser Kurfurst -----	1 hit, 1 total	
Markgraf -----	3 hits, 3 total	
Kronprinz -----	3 hits, 3 total	

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

Wind WSW at 12 knots, veering

REPORTS for HSF

Markgraf primary guns damaged

Grosser Kurfurst fire control damage

Markgraf primary guns damaged

Derfflinger primary guns damaged

Kaiser seastate: tertiary limited

Prinzregent Luitpold seastate: tertiary limited

Apparent wind on Konig from N at 11 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	10,087		3	
Derfflinger ----->	2	Lion -----	10,351		2	
Seydlitz ----->	2	Lion -----	10,291		2	
Moltke ----->	1	Indefatigable -----	10,993			
Konig ----->	1	Queen Elizabeth -----	13,057		2	Moltke
Grosser Kurfurst ----->	2	Queen Elizabeth -----	13,405		3	
Markgraf ----->	3	Queen Elizabeth -----	13,755		3	
Kronprinz ----->	1	Queen Elizabeth -----	13,076		2	
Kaiser ----->	2	Queen Elizabeth -----	13,457		3	
Prinzregent Luitpold ----->	2	Queen Elizabeth -----	13,521		3	
Kaiserin ----->	1	Lion -----	12,656	8	3	
Friedrich Der Grosse ----->	2	King George V -----	14,385	8		Indefatigable class
Thurigen ----->	4	Erin -----	15,699	8		
Helgoland ----->	3	Queen Elizabeth -----	16,059	8	2	Indefatigable class
Oldenburg ----->	1	Lion -----	15,594	6	3	
Frankfurt ----->	1	Weymouth -----	14,586		3	Flotille IX (12)
third ship in enemy unit, Lion class not under fire						
second ship in enemy unit, Indefatigable class not under fire						
first ship in enemy unit, King George V class not under fire						
third ship in enemy unit, King George V class not under fire						
first ship in enemy unit, Orion class not under fire						
second ship in enemy unit, Orion class not under fire						
third ship in enemy unit, Orion class not under fire						
fourth ship in enemy unit, Orion class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	65N 37E	045	21	21	21.4	28	27
Div-V -----	Konig -----	61N 36E	036	19	19	19.0	22	22
Div-VI -----	Kaiser -----	58N 33E	036	19	19	18.2	22	22
	912 yds Kaiserin -----	55N 32E	028	18	20	19.6	22	--
	630 yds Friedrich Der Grosse -----	54N 31E	028	17	21	20.2	22	--
Div-I -----	Ostfriesland -----	52N 32E	020	21	20	19.2	21	21
	772 yds Oldenburg -----	48N 31E	017	18	19	18.4	21	--
II.A.G. -----	Frankfurt -----	55N 40E	030	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	36N 29E	170	21	14	15.0	25	21
Flot-II -----	Flotille II (12)(12) -----	61N 40E	036	19	19	18.2	34	--
Flot-VI -----	Flotille VI (12)(12) -----	60N 42E	036	19	19	18.8	33	--
Flot-IX -----	Flotille IX (12)(12) -----	59N 39E	036	19	19	18.8	34	--

HITS	Heavy caliber	Medium caliber
1 Lion class -----	8 hits, 20 total	
2 Lion class -----	5 hits, 13 total	
1 Indefatigable class -----	1 hit, 10 total	
1 Queen Elizabeth class -----	2 hits, 4 total	
2 Queen Elizabeth class -----	8 hits, 12 total	
3 Queen Elizabeth class -----	2 hits, 2 total	
4 Queen Elizabeth class -----	4 hits, 8 total	
4 Erin class -----	2 hits, 3 total	
Lutzow -----	4 hits, 18 total	
Derfflinger -----	6 hits, 11 total	
Derfflinger medium damage		
Seydlitz -----	2 hits, 8 total	
Moltke -----	7 hits, 20 total	
Moltke medium damage		
Konig -----	1 hit, 2 total	
Grosser Kurfurst -----	2 hits, 3 total	
Markgraf -----	5 hits, 8 total	
Markgraf medium damage		
Kronprinz -----	1 hit, 4 total	

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

REPORTS for HSF

Seydlitz primary magazine lost
 Flotille II (12) turns away to SSE due to medium or heavy shells
 Apparent wind on Konig from N at 11 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	8,056		2	
Derfflinger ----->	2	Lion -----	8,346		2	
Seydlitz ----->	2	Lion -----	8,260		2	
Moltke ----->	1	Indefatigable -----	9,088			
Konig ----->	1	Queen Elizabeth -----	12,744			Moltke/4ptsP
Grosser Kurfurst ----->	2	Queen Elizabeth -----	12,677		3	Indefatigable class
Markgraf ----->	3	Queen Elizabeth -----	12,605		2	Indefatigable class
Kronprinz ----->	4	Queen Elizabeth -----	12,535		2	Queen Elizabeth class
Kaiser ----->	2	Queen Elizabeth -----	12,671		3	Indefatigable class
Prinzregent Luitpold ----->	2	Queen Elizabeth -----	12,713		3	Indefatigable class
Kaiserin ----->	3	Queen Elizabeth -----	12,829		3	Friedrich Der Grosse

Friedrich Der Grosse ----->	2 King George V -----	13,742			Indefatigable class
Ostfriesland ----->	3 Queen Elizabeth -----	13,674	8	3	Queen Elizabeth class
Thurigen ----->	4 Erin -----	14,478	8		Indefatigable class
Helgoland ----->	4 Queen Elizabeth -----	13,872	8	2	
Oldenburg ----->	1 Lion -----	12,460	6	2	
Frankfurt ----->	1 Weymouth -----	14,891			Seydlitz
Ebling ----->	1 Weymouth -----	15,769		2	

third ship in enemy unit, Lion class not under fire
 second ship in enemy unit, Indefatigable class not under fire
 first ship in enemy unit, King George V class not under fire
 third ship in enemy unit, King George V class not under fire
 first ship in enemy unit, Orion class not under fire
 second ship in enemy unit, Orion class not under fire
 third ship in enemy unit, Orion class not under fire
 fourth ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	70N 42E	041	21	21	21.0	28	27
Div-V -----	Konig -----	67N 40E	036	19	19	19.0	22	22
Div-VI -----	Kaiser -----	63N 37E	036	19	19	19.0	22	22
Div-I -----	Ostfriesland -----	58N 35E	027	20	20	20.0	21	21
	825 yds Oldenburg -----	54N 33E	024	19	20	19.6	21	--
II.A.G. -----	Frankfurt -----	61N 44E	030	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	35N 30E	192	21	13	13.2	25	21
	940 yds Hamberg -----	35N 31E	102	16	15	16.4	23	--
Flot-II -----	Flotille II (12)(12) -----	62N 44E	147	19	14	18.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	65N 46E	036	19	19	19.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	64N 43E	036	19	19	19.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	3 hits, 23 total	
2 Lion class -----	6 hits, 19 total	
1 Indefatigable class -----	2 hits, 12 total	
1 Queen Elizabeth class -----	3 hits, 7 total	
2 Queen Elizabeth class -----	2 hits, 14 total	
3 Queen Elizabeth class -----	6 hits, 8 total	
4 Queen Elizabeth class -----	5 hits, 13 total	
2 King George V class -----	1 hit, 1 total	
4 Erin class -----	3 hits, 6 total	
Derfflinger -----	6 hits, 17 total	
Seydlitz -----	10 hits, 18 total	
Seydlitz medium damage		

Moltke ----- 6 hits, 26 total
 Konig ----- 2 hits, 4 total
 Grosser Kurfurst ----- 3 hits, 6 total
 Markgraf ----- 1 hit, 9 total
 Kronprinz ----- 8 hits, 12 total
 Kaiser ----- 4 hits, 4 total
 Prinzregent Luitpold ----- 2 hits, 2 total
 Kaiserin ----- 1 hit, 1 total

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

REPORTS for HSF

Seydlitz maximum speed reduced by flooding
 Konig primary guns damaged
 Apparent wind on Konig from NE at 8 knots (2 points to port)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	10,227		2	
Derfflinger ----->	2	Lion -----	9,758		2	Lion class
Seydlitz ----->	2	Lion -----	9,444	6	2	
Moltke ----->	1	Indefatigable -----	8,809	6		
Konig ----->	1	Queen Elizabeth -----	14,192		2	Lion class
Grosser Kurfurst ----->	1	Lion -----	9,789		2	
Markgraf ----->	1	Queen Elizabeth -----	13,757		2	
Kronprinz ----->	4	Queen Elizabeth -----	13,355		3	Queen Elizabeth class
Kaiser ----->	2	Queen Elizabeth -----	13,241			Indefatigable class
Prinzregent Luitpold ----->	3	Queen Elizabeth -----	12,966		2	Queen Elizabeth class
Kaiserin ----->	3	Queen Elizabeth -----	12,740		2	Friedrich Der Grosse
Friedrich Der Grosse ----->	2	King George V -----	13,646			Indefatigable class
Ostfriesland ----->	4	Queen Elizabeth -----	13,477	8	3	Kaiserin
Thurigen ----->	4	Erin -----	14,497	8		
Helgoland ----->	4	Queen Elizabeth -----	13,801	8	3	Queen Elizabeth class
Oldenburg ----->	1	King George V -----	16,289	8		King George V class
Frankfurt ----->	1	Weymouth -----	16,203		3	Seydlitz

third ship in enemy unit, Lion class not under fire
 second ship in enemy unit, Indefatigable class not under fire
 third ship in enemy unit, King George V class not under fire
 first ship in enemy unit, Orion class not under fire
 second ship in enemy unit, Orion class not under fire
 third ship in enemy unit, Orion class not under fire

fourth ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	73N 48E	068	20	20	20.4	28	21
Div-V -----	Konig -----	70N 45E	060	19	19	18.6	22	22
Div-VI -----	Kaiser -----	68N 41E	060	19	18	18.2	22	22
Div-I -----	Ostfriesland -----	64N 39E	029	21	21	20.2	21	21
	755 yds Oldenburg -----	60N 36E	028	19	21	20.6	21	--
II.A.G. -----	Frankfurt -----	66N 49E	053	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	33N 30E	222	21	12	12.2	25	21
Flot-II -----	Flotille II (12)(12) -----	63N 48E	044	34	17	17.2	34	--
Flot-VI -----	Flotille VI (12)(12) -----	66N 50E	060	19	19	19.4	33	--
Flot-IX -----	Flotille IX (12)(12) -----	66N 47E	060	19	19	19.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	5 hits, 28 total	
2 Lion class -----	6 hits, 25 total	
1 Indefatigable class -----	4 hits, 16 total	
1 Queen Elizabeth class -----	2 hits, 9 total	
2 Queen Elizabeth class -----	4 hits, 18 total	
3 Queen Elizabeth class -----	8 hits, 16 total	
4 Queen Elizabeth class -----	5 hits, 18 total	
2 King George V class -----	5 hits, 6 total	
4 Erin class -----	5 hits, 11 total	
Seydlitz -----	4 hits, 22 total	
Moltke -----	1 hit, 27 total	
Konig -----	3 hits, 7 total	
Grosser Kurfurst -----	2 hits, 8 total	
Markgraf -----	2 hits, 11 total	
Kronprinz -----	4 hits, 16 total	
Kronprinz medium damage		
Kaiserin -----	6 hits, 7 total	

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

REPORTS for HSF

Lutzow maximum speed reduced by flooding
Apparent wind on Konig from NE at 8 knots (2 points to port)

TARGETING

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

Lutzow ----->	1 Lion -----	12,949		
Derfflinger ----->	2 Lion -----	12,620	2	
Seydlitz ----->	2 Lion -----	12,347	6	2
Moltke ----->	1 Indefatigable -----	11,815	6	
Konig ----->	1 Queen Elizabeth -----	16,517	2	Lion class
Grosser Kurfurst ----->	2 Queen Elizabeth -----	16,135	2	Indefatigable class
Markgraf ----->	3 Queen Elizabeth -----	15,753	3	Lion class
Kronprinz ----->	4 Queen Elizabeth -----	15,370	2	Indefatigable class
Kaiser ----->	2 Queen Elizabeth -----	15,495	2	Lion class
Prinzregent Luitpold ----->	3 Queen Elizabeth -----	14,977	3	Indefatigable class
Kaiserin ----->	3 Queen Elizabeth -----	14,721	3	Queen Elizabeth class
Friedrich Der Grosse ----->	2 King George V -----	15,311		King George V class
Ostfriesland ----->	4 Queen Elizabeth -----	14,367	8	2 Queen Elizabeth class
Thurigen ----->	Erin -----	14,464	8	Indefatigable class
Helgoland ----->	1 Queen Elizabeth -----	15,057	8	2 Erin class
Oldenburg ----->	1 King George V -----	15,995	8	Indefatigable class
Frankfurt ----->	1 Weymouth -----	14,135	7	Seydlitz
Pillau ----->	2 Weymouth -----	14,659	5	Flotille IX (12)

third ship in enemy unit, Lion class not under fire
 second ship in enemy unit, Indefatigable class not under fire
 first ship in enemy unit, Orion class not under fire
 second ship in enemy unit, Orion class not under fire
 third ship in enemy unit, Orion class not under fire
 fourth ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	76N 54E	063	21	21	21.0	23	21
Div-V -----	Konig -----	73N 51E	060	19	19	19.0	22	22
Div-VI -----	Kaiser -----	71N 47E	060	19	19	19.0	22	22
	467 yds Friedrich Der Grosse -----	69N 43E	060	18	18	16.8	22	--
Div-I -----	Ostfriesland -----	68N 43E	060	19	18	18.2	21	21
II.A.G. -----	Frankfurt -----	70N 55E	053	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	35N 34E	057	21	17	14.0	25	21
	563 yds Hamberg -----	33N 32E	049	16	10	11.0	23	--
Flot-II -----	Flotille II (12)(12) -----	68N 53E	044	34	27	23.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	69N 55E	060	19	19	19.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	69N 53E	060	19	19	19.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	4 hits, 32 total	
2 Lion class -----	1 hit, 26 total	
1 Indefatigable class -----	1 hit, 17 total	

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1 Queen Elizabeth class ----- 4 hits, 13 total
2 Queen Elizabeth class ----- 6 hits, 24 total
3 Queen Elizabeth class ----- 5 hits, 21 total
1 King George V class ----- 2 hits, 3 total
2 King George V class ----- 5 hits, 11 total
  Erin class ----- 3 hits, 14 total
Lutzow ----- 8 hits, 26 total
Derfflinger ----- 1 hit, 18 total
Moltke ----- 1 hit, 28 total
Konig ----- 1 hit, 8 total
Markgraf ----- 2 hits, 13 total
Kronprinz ----- 2 hits, 18 total
Prinzregent Luitpold ----- 2 hits, 4 total

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

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REPORTS for HSF

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Derfflinger primary guns damaged
Enemy Erin class SINKS
Moltke maximum speed reduced by flooding
Kaiserin                seastate: tertiary limited
Friedrich Der Grosse    seastate: tertiary limited
Ostfriesland            seastate: tertiary limited
Thurigen                seastate: tertiary limited
Helgoland              seastate: tertiary limited
Oldenburg              seastate: tertiary limited
Derfflinger maximum speed reduced by flooding
Apparent wind on Konig from NNW at 16 knots (port bow)

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TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	13,065		2	Bristol class
Derfflinger ----->	2	Lion -----	13,125		2	Lion class
Seydlitz ----->	2	Lion -----	13,281		2	Lion class
Moltke ----->	1	Indefatigable -----	13,215			
Konig ----->	1	Queen Elizabeth -----	15,111		3	
Grosser Kurfurst ----->	2	Queen Elizabeth -----	15,685		2	Lion class
Markgraf ----->	3	Queen Elizabeth -----	16,054		2	Indefatigable class
Kronprinz ----->	4	Queen Elizabeth -----	16,528		2	
Kaiser ----->	2	Queen Elizabeth -----	16,140		2	Indefatigable class
Prinzregent Luitpold ----->	3	Queen Elizabeth -----	16,531		2	
Friedrich Der Grosse ----->	2	King George V -----	15,059	6		Friedrich Der Grosse/Downwind

Ostfriesland ----->	4 Queen Elizabeth -----	16,356	8	2	Kaiserin/1ptsP
Thurigen ----->	1 Lion -----	14,054	8	2	
Helgoland ----->	1 Queen Elizabeth -----	15,244	8	2	
Oldenburg ----->	1 King George V -----	14,287	8		
Frankfurt	target obscured by Flotille II (12)				
Wiesbaden	target obscured by Flotille II (12)				
Pillau	target obscured by Flotille II (12)				
Ebling ----->	1 Weymouth -----	10,991		3	Konig
Flotille II (12) ----->	1 Weymouth -----	9,852		7	
	third ship in enemy unit, Lion class not under fire				
	second ship in enemy unit, Indefatigable class not under fire				
	third ship in enemy unit, King George V class not under fire				
	first ship in enemy unit, Orion class not under fire				
	second ship in enemy unit, Orion class not under fire				
	third ship in enemy unit, Orion class not under fire				
	fourth ship in enemy unit, Orion class not under fire				

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	82N 56E	016	19	19	19.2	23	21
Div-V -----	Konig -----	79N 53E	021	19	19	18.2	22	22
Div-VI -----	Kaiser -----	74N 51E	021	18	16	17.4	22	22
Div-I -----	Ostfriesland -----	71N 49E	063	20	19	18.6	21	21
	298 yds Thurigen -----	70N 47E	063	18	18	17.6	21	--
	397 yds Helgoland -----	70N 46E	063	18	18	17.2	21	--
	392 yds Oldenburg -----	70N 45E	067	18	18	17.6	21	--
II.A.G. -----	Frankfurt -----	77N 57E	016	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	41N 36E	021	21	21	20.2	25	21
	1185 yds Hamberg -----	37N 34E	025	19	20	16.0	23	--
	685 yds Frauenlob -----	37N 34E	028	18	18	16.8	21	--
Flot-II -----	Flotille II (12)(12) -----	78N 57E	020	34	31	30.2	34	--
Flot-VI -----	Flotille VI (12)(12) -----	76N 58E	022	33	27	23.4	33	--
Flot-IX -----	Flotille IX (12)(12) -----	77N 57E	021	18	18	19.4	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	1 hit, 33 total	
2 Lion class -----	3 hits, 29 total	
1 Indefatigable class -----	1 hit, 18 total	
1 Queen Elizabeth class -----	3 hits, 16 total	
2 Queen Elizabeth class -----	3 hits, 27 total	
3 Queen Elizabeth class -----	3 hits, 24 total	
4 Queen Elizabeth class -----	1 hit, 19 total	
1 King George V class -----	2 hits, 5 total	

2 King George V class -----	5 hits, 16 total
Lutzow -----	2 hits, 28 total
Derfflinger -----	6 hits, 24 total
Moltke -----	4 hits, 32 total
Konig -----	1 hit, 9 total
Markgraf -----	1 hit, 14 total
Kronprinz -----	4 hits, 22 total
Prinzregent Luitpold -----	3 hits, 7 total
Kaiserin -----	2 hits, 9 total

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

REPORTS for HSF

Markgraf primary guns damaged
Apparent wind on Konig from NNW at 16 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	9,605		3	Weymouth class
Derfflinger ----->	2	Lion -----	10,121		2	Birkenhead class
Seydlitz ----->	2	Lion -----	10,260		2	Bristol class
Moltke ----->	1	Indefatigable -----	11,391			Lion class
Konig ----->	1	Queen Elizabeth -----	12,114		2	
Grosser Kurfurst ----->	2	Queen Elizabeth -----	12,574		2	
Markgraf ----->	3	Queen Elizabeth -----	13,476		2	
Kronprinz ----->	4	Queen Elizabeth -----	13,784		2	
Kaiser ----->	2	Queen Elizabeth -----	12,950		2	
Prinzregent Luitpold ----->	3	Queen Elizabeth -----	13,972		2	
Kaiserin ----->	1	Lion -----	11,640	8	3	
Friedrich Der Grosse ----->	2	King George V -----	12,782	8		
Ostfriesland ----->	4	Queen Elizabeth -----	14,558	8	2	
Thurigen ----->	1	Lion -----	12,348	8	3	
Helgoland ----->	1	Queen Elizabeth -----	14,018	8	2	
Oldenburg ----->	1	King George V -----	13,396	8		
Frankfurt ----->	1	Weymouth -----	6,529		6	Moltke
Pillau ----->	2	Birmingham -----	12,041			
Ebling ----->	1	Chatham -----	12,261		2	
Flotille II (12) ----->	K	Destroyer -----	11,603			Derfflinger
Flotille VI (12) ----->	1	Weymouth -----	7,080		6	Derfflinger
Flotille IX (12) ----->	2	Weymouth -----	6,832		5	Moltke

third ship in enemy unit, Lion class not under fire
second ship in enemy unit, Indefatigable class not under fire

third ship in enemy unit, King George V class not under fire
 first ship in enemy unit, Orion class not under fire
 second ship in enemy unit, Orion class not under fire
 third ship in enemy unit, Orion class not under fire
 fourth ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	89N 58E	014	21	21	20.8	23	21
Div-V -----	Konig -----	85N 55E	021	19	19	19.0	22	22
Div-VI -----	Kaiser -----	80N 54E	021	19	19	18.2	22	22
	600 yds Prinzregent Luitpold -----	78N 53E	021	18	18	16.0	22	--
	433 yds Friedrich Der Grosse -----	77N 52E	021	17	17	15.6	22	--
Div-I -----	Ostfriesland -----	76N 52E	021	19	18	17.8	21	21
II.A.G. -----	Frankfurt -----	83N 59E	017	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	48N 39E	020	21	21	21.0	25	21
	1233 yds Hamberg -----	44N 37E	022	20	21	20.6	23	--
	939 yds Frauenlob -----	43N 37E	022	18	20	19.2	21	--
Flot-II -----	Flotille II (12)(12) -----	85N 60E	021	19	19	21.4	34	--
Flot-VI -----	Flotille VI (12)(12) -----	84N 61E	021	19	19	21.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	83N 59E	021	19	19	19.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	4 hits, 37 total	
2 Lion class -----	1 hit, 30 total	
1 Indefatigable class -----	4 hits, 22 total	
1 Queen Elizabeth class -----	5 hits, 21 total	
2 Queen Elizabeth class -----	10 hits, 37 total	
3 Queen Elizabeth class -----	2 hits, 26 total	
4 Queen Elizabeth class -----	1 hit, 20 total	
1 King George V class -----	2 hits, 7 total	
2 King George V class -----	1 hit, 17 total	
Lutzow -----	2 hits, 30 total	
Derfflinger -----	1 hit, 25 total	
Seydlitz -----	2 hits, 24 total	
Moltke -----	3 hits, 35 total	
Moltke primary ammo low		
Konig -----	1 hit, 10 total	
Grosser Kurfurst -----	1 hit, 9 total	
Markgraf -----	4 hits, 18 total	
Kronprinz -----	2 hits, 24 total	
Prinzregent Luitpold -----	2 hits, 9 total	
Kaiserin -----	2 hits, 11 total	

Kaiserin medium damage
 Friedrich Der Grosse ----- 2 hits, 2 total
 Ostfriesland ----- 1 hit, 1 total

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

REPORTS for HSF

Prinzregent Luitpold primary guns damaged
 Kronprinz maximum speed reduced by flooding
 Apparent wind on Konig from N at 11 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Lutzow ----->	1	Lion -----	7,857		3	
Derfflinger ----->	2	Lion -----	8,080		2	Bristol class
Moltke ----->	1	Indefatigable -----	9,052			King George V class
Konig ----->	1	Queen Elizabeth -----	9,891		2	King George V class
Grosser Kurfurst ----->	2	Queen Elizabeth -----	10,176		2	
Markgraf ----->	3	Queen Elizabeth -----	10,468		2	
Kronprinz ----->	4	Queen Elizabeth -----	10,768		2	
Kaiser ----->	2	Queen Elizabeth -----	9,717		2	
Prinzregent Luitpold ----->	3	Queen Elizabeth -----	10,326		2	
Kaiserin ----->	1	Lion -----	7,256	4	3	
Friedrich Der Grosse ----->	2	King George V -----	8,651			King George V class
Ostfriesland ----->	4	Queen Elizabeth -----	10,606	8	2	
Thurigen ----->	1	Lion -----	7,644	8	3	
Helgoland ----->	1	Queen Elizabeth -----	9,966	6	2	
Oldenburg ----->	1	King George V -----	10,507	6		Lion class
Frankfurt ----->	1	Weymouth -----	6,946		2	Moltke
Pillau ----->	1	Chatham -----	10,565			
Ebling ----->	2	Birmingham -----	10,594			
Flotille II (12) ----->	4	Bristol -----	5,935		6	Bristol class
Flotille VI (12) ----->	4	Bristol -----	6,937		7	Flotille II (12)/5ptsP
Flotille IX (12) ----->	3	Birkenhead -----	6,575		3	Bristol class

third ship in enemy unit, Lion class not under fire
 second ship in enemy unit, Indefatigable class not under fire
 third ship in enemy unit, King George V class not under fire
 first ship in enemy unit, Orion class not under fire
 second ship in enemy unit, Orion class not under fire
 third ship in enemy unit, Orion class not under fire
 fourth ship in enemy unit, Orion class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G.	Lutzow	94N 63E	042	19	19	19.6	23	21
Div-V	Konig	89N 59E	042	19	19	19.0	22	18
Div-VI	Kaiser	86N 56E	042	19	18	18.2	22	22
Div-I	Ostfriesland	83N 54E	042	19	18	18.6	21	21
	820 yds Oldenburg	79N 52E	013	18	18	17.6	21	--
II.A.G.	Frankfurt	89N 63E	038	21	21	21.0	28	21
IV.A.G.	Stettin	53N 43E	038	21	21	21.0	25	21
	1060 yds Hamberg	50N 41E	034	21	22	21.8	23	--
	1033 yds Frauenlob	49N 40E	033	19	21	20.2	21	--
Flot-II	Flotille II (12)(12)	88N 64E	042	19	19	18.2	34	--
Flot-VI	Flotille VI (12)(12)	87N 65E	042	19	19	19.6	33	--
Flot-IX	Flotille IX (12)(12)	87N 62E	042	19	19	19.4	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class	7 hits, 44 total	
1 Indefatigable class	1 hit, 23 total	
1 Queen Elizabeth class	4 hits, 25 total	
2 Queen Elizabeth class	4 hits, 41 total	
3 Queen Elizabeth class	3 hits, 29 total	
4 Queen Elizabeth class	7 hits, 27 total	
1 King George V class	1 hit, 8 total	
2 King George V class	6 hits, 23 total	
Seydlitz primary ammo low		
Konig	2 hits, 12 total	
Konig medium damage		
Markgraf	1 hit, 19 total	
Kronprinz	5 hits, 29 total	
Prinzregent Luitpold	9 hits, 18 total	
Prinzregent Luitpold medium damage		
Kaiserin	3 hits, 14 total	
Friedrich Der Grosse	1 hit, 3 total	
Ostfriesland	1 hit, 2 total	

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

REPORTS for HSF

Lutzow maximum speed reduced by flooding
 Enemy Lion class SINKS
 Apparent wind on Konig from N at 13 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Konig ----->	1	Queen Elizabeth -----	9,156		3	Lion class
Grosser Kurfurst ----->	2	Queen Elizabeth -----	9,359		3	Lion class
Markgraf ----->	3	Queen Elizabeth -----	9,484		2	Queen Elizabeth class
Kronprinz ----->	4	Queen Elizabeth -----	9,650		2	Indefatigable class
Kaiser ----->	2	Queen Elizabeth -----	9,057		3	Indefatigable class
Prinzregent Luitpold ----->	3	Queen Elizabeth -----	9,204		2	Indefatigable class
Kaiserin ----->	1	Lion -----	7,024			
Friedrich Der Grosse ----->	2	King George V -----	8,687			Lion class
Ostfriesland ----->	4	Queen Elizabeth -----	9,375	8	2	Queen Elizabeth class
Thurigen ----->	1	Queen Elizabeth -----	9,161	8	3	King George V class
Helgoland ----->	1	Queen Elizabeth -----	9,103	8	3	
Oldenburg ----->	2	Queen Elizabeth -----	9,493	8	3	Helgoland
Wiesbaden ----->	1	Chatham -----	9,142		2	Seydlitz
Pillau ----->	1	Chatham -----	9,488		2	Moltke
Ebling ----->	2	Birmingham -----	9,679			Chatham class
Flotille II (12) ----->	M	Destroyer -----	11,185		4	Moltke
second ship in enemy unit, Lion class not under fire						
second ship in enemy unit, Indefatigable class not under fire						
first ship in enemy unit, King George V class not under fire						
third ship in enemy unit, King George V class not under fire						
first ship in enemy unit, Orion class not under fire						
second ship in enemy unit, Orion class not under fire						
third ship in enemy unit, Orion class not under fire						
fourth ship in enemy unit, Orion class not under fire						

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	100N 66E	033	19	19	19.0	22	21
Div-V -----	Konig -----	95N 63E	033	19	19	19.0	22	18
Div-VI -----	Kaiser -----	91N 60E	033	19	19	19.0	22	22
Div-I -----	Ostfriesland -----	87N 58E	033	19	17	17.2	21	21
II.A.G. -----	Frankfurt -----	95N 66E	029	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	59N 47E	030	21	21	21.0	25	21
	752 yds Hamberg -----	56N 45E	031	21	23	22.8	23	--
	1022 yds Frauenlob -----	55N 44E	031	19	21	21.0	21	--
Flot-II -----	Flotille II (12)(12) -----	94N 67E	033	19	19	19.0	34	--
Flot-VI -----	Flotille VI (12)(12) -----	93N 69E	033	19	19	19.0	33	--
Flot-IX -----	Flotille IX (12)(12) -----	92N 66E	033	19	19	19.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	1 hit,	31 total

1 Queen Elizabeth class ----- 7 hits, 32 total
 2 Queen Elizabeth class ----- 4 hits, 45 total
 3 Queen Elizabeth class ----- 3 hits, 32 total
 4 Queen Elizabeth class ----- 4 hits, 31 total
 Lutzow ----- 3 hits, 33 total
 Derfflinger ----- 1 hit, 26 total
 Seydlitz ----- 3 hits, 27 total
 Seydlitz heavy damage
 Konig ----- 4 hits, 16 total
 Grosser Kurfurst ----- 3 hits, 12 total
 Kronprinz ----- 7 hits, 36 total
 Kaiser ----- 2 hits, 6 total
 Kaiser medium damage
 Kaiser primary ammo low
 Prinzregent Luitpold ----- 12 hits, 30 total
 Kaiserin ----- 7 hits, 21 total
 Friedrich Der Grosse ----- 2 hits, 5 total
 Ostfriesland ----- 4 hits, 6 total

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

REPORTS for HSF

Grosser Kurfurst shifts primary target
 Enemy Queen Elizabeth class BLOWN UP
 Kronprinz maximum speed reduced by flooding
 Derfflinger maximum speed reduced by flooding
 Prinzregent Luitpold maximum speed reduced by flooding
 Konig avoiding torpedoes (toward)
 Kronprinz maximum speed reduced by flooding
 Prinzregent Luitpold maximum speed reduced by flooding
 Seydlitz primary guns damaged
 Friedrich Der Grosse funnel damage
 Wiesbaden avoiding torpedoes (toward)
 Grosser Kurfurst avoiding torpedoes (toward)
 Prinzregent Luitpold maximum speed reduced by flooding
 Apparent wind on Konig from NW at 13 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Seydlitz ----->	1	Lion -----	8,598		2	King George V class
Moltke ----->	1	Indefatigable -----	7,684			
Konig ----->	1	Queen Elizabeth -----	7,981	4		King George V class

Grosser Kurfurst	----->	2	Queen Elizabeth	-----	9,040		3	
Markgraf	----->	2	Queen Elizabeth	-----	8,938		3	
Kronprinz	----->	3	Queen Elizabeth	-----	8,855		3	Queen Elizabeth class
Kaiser	----->	1	Lion	-----	8,447		2	King George V class
Prinzregent Luitpold	----->	2	Queen Elizabeth	-----	8,801		3	
Kaiserin	----->	3	Queen Elizabeth	-----	8,538		3	Queen Elizabeth class
Friedrich Der Grosse	----->	2	King George V	-----	7,837	8	2	King George V class
Ostfriesland	----->	3	Queen Elizabeth	-----	8,929	8	3	Kaiserin
Thurigen	----->	1	King George V	-----	8,642	6		Kaiserin
Helgoland	----->	2	King George V	-----	8,869	8	2	King George V class
Oldenburg	----->	3	King George V	-----	8,743	8		Indefatigable class
Frankfurt	----->	1	Chatham	-----	7,359	3		Lutzow
Wiesbaden	----->	2	Birmingham	-----	7,550	2		Derfflinger
Pillau	----->	3	Birmingham	-----	7,747		3	Seydlitz
Ebling	----->	4	Chatham	-----	7,948		4	Moltke
Flotille II (12)	----->	4	Chatham	-----	6,651			Derfflinger
Flotille VI (12)	----->	3	Birmingham	-----	7,682		2	Lutzow
second ship in enemy unit, Indefatigable class not under fire								
second ship in enemy unit, Orion class not under fire								
third ship in enemy unit, Orion class not under fire								
fourth ship in enemy unit, Orion class not under fire								

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
I.A.G.	----- Lutzow	----- 106N 67E	018	19 19 19.2 22 20
Div-V	----- Konig	----- 100N 64E	018	19 14 18.0 22 16
	indep. Grosser Kurfurst	----- 99N 63E	312	19 19 19.0 22 --
	351 yds Kronprinz	----- 98N 63E	349	15 18 18.2 16 --
Div-VI	----- Kaiser	----- 96N 63E	018	17 17 18.0 22 15
Div-I	----- Ostfriesland	----- 92N 62E	018	19 19 18.4 21 21
	731 yds Oldenburg	----- 89N 60E	036	17 18 16.6 21 --
II.A.G.	----- Frankfurt	----- 102N 68E	014	21 21 21.0 28 21
	indep. Wiesbaden	----- 100N 66E	293	21 21 21.0 21 --
IV.A.G.	----- Stettin	----- 66N 49E	018	21 21 21.0 25 21
	993 yds Frauenlob	----- 61N 47E	022	19 21 21.0 21 --
Flot-II	----- Flotille II (12)(12)	----- 102N 67E	357	34 28 24.2 34 --
Flot-VI	----- Flotille VI (12)(12)	----- 101N 69E	355	33 28 24.2 33 --
Flot-IX	----- Flotille IX (12)(11)	----- 101N 67E	003	34 28 24.2 34 --

HITS

	Heavy caliber	Medium caliber
1 Lion class	----- 2 hits, 33 total	
1 Queen Elizabeth class	----- 3 hits, 35 total	
2 Queen Elizabeth class	----- 2 hits, 34 total	

3 Queen Elizabeth class ----- 2 hits, 33 total
 2 King George V class ----- 1 hit, 24 total
 Lutzow ----- 1 hit, 34 total
 Derfflinger ----- 4 hits, 30 total
 Derfflinger heavy damage
 Seydlitz ----- 2 hits, 29 total
 Moltke ----- 2 hits, 37 total
 Konig ----- 1 hit, 17 total
 Grosser Kurfurst ----- 1 hit, 13 total
 Kronprinz ----- 15 hits, 51 total
 Kronprinz heavy damage
 Kaiser ----- 3 hits, 9 total
 Prinzregent Luitpold ----- 21 hits, 51 total
 Prinzregent Luitpold heavy damage
 Kaiserin ----- 2 hits, 23 total
 Friedrich Der Grosse ----- 7 hits, 12 total
 Friedrich Der Grosse primary ammo low
 Ostfriesland ----- 1 hit, 7 total
 Ostfriesland medium damage

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

REPORTS for HSF

Prinzregent Luitpold funnel damage
 Frankfurt avoiding torpedoes (toward)
 Kronprinz maximum speed reduced by flooding
 Seydlitz maximum speed reduced by flooding
 Kaiserin maximum speed reduced by flooding
 Kaiser primary guns damaged
 Kaiser maximum speed reduced by flooding
 Apparent wind on Konig from NNW at 17 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Seydlitz ----->	1	Lion -----	7,573		2	King George V class
Moltke ----->	1	Indefatigable -----	8,046			King George V class
Konig ----->	1	Queen Elizabeth -----	6,505		2	King George V class
Grosser Kurfurst ----->	2	Queen Elizabeth -----	7,261		3	
Markgraf ----->	2	Queen Elizabeth -----	7,195		3	
Kronprinz ----->	1	Queen Elizabeth -----	6,949		2	Markgraf
Kaiser ----->	1	Lion -----	7,970		2	King George V class
Prinzregent Luitpold ----->	2	Queen Elizabeth -----	7,969		3	

Kaiserin ----->	3 Queen Elizabeth -----	7,531			Queen Elizabeth class
Friedrich Der Grosse ----->	2 King George V -----	5,141	8	2	
Ostfriesland ----->	1 King George V -----	7,226	6		King George V class
Helgoland ----->	2 King George V -----	6,828	4	2	King George V class
Frankfurt	target obscured by Flotille IX (12)				
Ebling ----->	3 Birmingham -----	8,018	1	2	Lutzow
Flotille II (12) ----->	K Destroyer -----	5,859			
Flotille VI (12) ----->	4 Chatham -----	4,515		4	Chatham class
Flotille IX (12) ----->	4 Chatham -----	4,664		2	
	second ship in enemy unit, Indefatigable class not under fire				
	second ship in enemy unit, Orion class not under fire				
	fourth ship in enemy unit, Orion class not under fire				

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)					
I.A.G. -----	Lutzow -----	112N 66E	012	18	17	16.4	22	20	
	333 yds Derfflinger -----	110N 66E	011	14	12	14.6	20	--	
	300 yds Moltke -----	108N 65E	012	15	12	14.4	22	--	
Div-V -----	Konig -----	106N 65E	012	19	18	16.8	22	22	
	dropped Kronprinz -----	102N 65E	018	12	13	15.0	13	--	
Div-VI -----	Kaiser -----	101N 64E	012	18	18	16.4	17	17	
	dropped Prinzregent Luitpold -----	96N 63E	012	18	11	12.8	15	--	
Div-I -----	Ostfriesland -----	97N 63E	012	18	17	17.0	21	21	
II.A.G. -----	Frankfurt -----	107N 67E	006	21	21	18.6	28	21	
IV.A.G. -----	Stettin -----	73N 50E	012	21	21	21.0	25	21	
	965 yds Frauenlob -----	68N 49E	015	19	21	21.0	21	--	
Flot-II -----	Flotille II (12)(12) -----	112N 66E	354	34	31	30.6	34	--	
Flot-VI -----	Flotille VI (12)(12) -----	111N 68E	353	33	31	30.4	33	--	
Flot-IX -----	Flotille IX (12)(10) -----	111N 67E	358	34	31	30.6	34	--	

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	7 hits, 40 total	
1 Queen Elizabeth class -----	6 hits, 41 total	
2 Queen Elizabeth class -----	6 hits, 40 total	
3 Queen Elizabeth class -----	5 hits, 38 total	
2 King George V class -----	4 hits, 28 total	
3 King George V class -----	3 hits, 3 total	
Lutzow -----	3 hits, 37 total	
Lutzow heavy damage		
Seydlitz -----	2 hits, 31 total	
Konig -----	3 hits, 20 total	
Grosser Kurfurst primary ammo low		
Kronprinz -----	7 hits, 58 total	

Kaiser ----- 9 hits, 18 total
 Prinzregent Luitpold ----- 5 hits, 56 total
 Kaiserin ----- 4 hits, 27 total
 Friedrich Der Grosse ----- 3 hits, 15 total
 Ostfriesland ----- 1 hit, 8 total
 Flotille IX (12) medium damage

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

REPORTS for HSF

Flotille II (12) turns away to SE due to close range
 Kronprinz loses power, primary battery out of action
 Lutzow turns away to NNE due to close range
 Flotille IX (12) turns away to E due to close range
 Konig maximum speed reduced by flooding
 Kronprinz maximum speed reduced by flooding
 Kaiser maximum speed reduced by flooding
 Flotille VI (12) turns away to ESE due to close range
 Konig maximum speed reduced by flooding
 Kaiser primary guns damaged
 Kronprinz SINKS, position 105N 66E
 Flotille II (12) turns away to ESE due to close range
 Kaiser maximum speed reduced by flooding
 Apparent wind on Konig from NNW at 16 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Seydlitz ----->	1	Lion -----	6,630		3	
Moltke ----->	1	Indefatigable -----	7,043			King George V class
Konig ----->	1	Queen Elizabeth -----	5,263		2	King George V class
Grosser Kurfurst ----->	1	Lion -----	6,602		3	King George V class
Markgraf ----->	1	Queen Elizabeth -----	5,200		2	King George V class
Prinzregent Luitpold ----->	2	Queen Elizabeth -----	6,565	7		
Kaiserin ----->	3	Queen Elizabeth -----	7,858		2	Queen Elizabeth class
Friedrich Der Grosse ----->	2	King George V -----	4,550	4		
Ostfriesland ----->	3	Queen Elizabeth -----	7,981	8	2	Queen Elizabeth class
Frankfurt ----->	1	Chatham -----	7,193	1		Lutzow
Pillau ----->	3	Birmingham -----	7,222	1	3	Lutzow
Ebling ----->	4	Chatham -----	7,237	1	4	Lutzow
Stettin ----->	1	Weymouth -----	12,501			
Muenchen ----->	1	Weymouth -----	12,882		2	
Hamburg ----->	1	Weymouth -----	13,271		3	

Flotille II (12)	----->	K Destroyer	-----	6,020	5	
Flotille VI (12)	----->	K Destroyer	-----	7,254	3	Flotille II (12)/Downwind
Flotille IX (12)	----->	4 Chatham	-----	6,408	2	Chatham class

second ship in enemy unit, Indefatigable class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	117N 68E	022	18	18	18.0	22	20
	858 yds Derfflinger -----	115N 67E	020	16	17	15.0	20	--
	1057 yds Seydlitz -----	113N 67E	019	15	15	13.0	20	--
	826 yds Moltke -----	113N 66E	018	17	17	15.0	22	--
Div-V -----	Konig -----	112N 66E	012	17	17	18.4	17	17
Div-VI -----	Kaiser -----	107N 65E	012	16	16	16.4	14	14
	dropped Prinzregent Luitpold -----	100N 63E	012	15	15	13.0	15	--
Div-I -----	Ostfriesland -----	103N 64E	012	18	18	18.2	21	21
	434 yds Oldenburg -----	99N 63E	012	17	17	15.8	21	--
II.A.G. -----	Frankfurt -----	114N 68E	009	21	21	21.0	28	21
IV.A.G. -----	Stettin -----	80N 52E	012	21	21	21.0	25	21
	956 yds Frauenlob -----	75N 51E	013	19	21	21.0	21	--
Flot-II -----	Flotille II (12)(11) -----	116N 72E	109	34	26	24.8	34	--
Flot-VI -----	Flotille VI (12)(9) -----	113N 73E	109	33	22	27.2	33	--
Flot-IX -----	Flotille IX (12)(6) -----	112N 74E	094	34	24	26.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Lion class -----	5 hits, 45 total	
1 Indefatigable class -----	3 hits, 26 total	
1 Queen Elizabeth class -----	8 hits, 49 total	
2 Queen Elizabeth class -----	3 hits, 43 total	
3 Queen Elizabeth class -----	12 hits, 50 total	
2 King George V class -----	13 hits, 41 total	
Derfflinger -----	2 hits, 32 total	
Seydlitz -----	8 hits, 39 total	
Moltke -----	1 hit, 38 total	
Konig -----	5 hits, 25 total	
Konig heavy damage		
Kaiser -----	9 hits, 27 total	
Kaiser heavy damage		
Prinzregent Luitpold -----	4 hits, 60 total	
Kaiserin primary ammo low		
Flotille VI (12) medium damage		

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Turn 40 14:35 Hrs Real Time 07:22:19 AM 03/16/2021

REPORTS for HSF

Prinzregent Luitpold funnel damage
 Frankfurt primary guns damaged
 Lutzow turns away to NE due to close range
 Konig maximum speed reduced by flooding
 Prinzregent Luitpold maximum speed reduced by flooding
 Ebling primary guns damaged
 Frankfurt turns away to SE due to close range
 Konig avoiding torpedoes (toward)
 Enemy Indefatigable class SINKS
 Kaiser uncontrolled flooding due to seastate
 Wiesbaden maximum speed reduced by flooding
 Kaiser funnel damage
 Konig turns away to NNE due to close range
 Seydlitz maximum speed reduced by flooding
 Kaiser maximum speed reduced by flooding
 Grosser Kurfurst avoiding torpedoes (away)
 Enemy Lion class SINKS

Kaiserin new lead ship of Div-VI

Apparent wind on Konig from NW at 13 knots (port bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Konig ----->	1	Queen Elizabeth -----	3,400		3	King George V class
Grosser Kurfurst ----->	1	Lion -----	4,250			King George V class
Markgraf ----->	1	Queen Elizabeth -----	3,264		3	
Prinzregent Luitpold ----->	2	Queen Elizabeth -----	5,752	7	2	
Kaiserin ----->	3	Queen Elizabeth -----	6,057		2	Queen Elizabeth class
Ostfriesland ----->	3	Queen Elizabeth -----	6,673	2	2	Friedrich Der Grosse
Oldenburg ----->	2	Queen Elizabeth -----	6,061	2	2	
Frankfurt ----->	1	Chatham -----	9,483		2	Chatham class/Downwind
Pillau ----->	2	Birmingham -----	8,600			Birmingham class/Downwind
Stettin ----->	1	Weymouth -----	9,527		2	
Muenchen ----->	2	Weymouth -----	9,800		2	
Hamberg ----->	3	Birkenhead -----	10,076			
Frauenlob ----->	1	Weymouth -----	11,467		3	
Flotille II (12) ----->	K	Destroyer -----	8,630		4	
Flotille VI (12) ----->	K	Destroyer -----	7,083		5	Flotille IX (12)
Flotille IX (12) ----->	M	Destroyer -----	6,488		6	Lutzow

second ship in enemy unit, King George V class not under fire

third ship in enemy unit, King George V class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	122N 72E	037	18	18	18.0	22	20
1010 yds	Seydlitz -----	119N 70E	032	18	20	18.0	20	--
Div-V -----	Konig -----	116N 66E	015	15	14	14.4	16	16
indep.	Grosser Kurfurst -----	114N 66E	102	15	15	15.2	22	--
dropped	Kaiser -----	103N 65E	192	14	14	14.0	12	--
dropped	Prinzregent Luitpold -----	105N 65E	012	15	15	15.0	15	--
Div-VI -----	Kaiserin -----	110N 65E	003	17	17	17.6	18	18
300 yds	Friedrich Der Grosse -----	109N 65E	003	16	15	14.2	21	--
Div-I -----	Ostfriesland -----	108N 65E	000	15	15	15.6	21	21
II.A.G. -----	Frankfurt -----	113N 73E	125	21	19	18.6	28	19
IV.A.G. -----	Stettin -----	87N 52E	004	21	21	21.0	25	21
942 yds	Frauenlob -----	82N 52E	007	19	21	21.0	21	--
Flot-II -----	Flotille II (12)(11) -----	118N 77E	339	34	18	22.0	34	--
Flot-VI -----	Flotille VI (12)(9) -----	119N 74E	351	33	22	22.0	33	--
Flot-IX -----	Flotille IX (12)(6) -----	120N 73E	350	34	24	22.0	34	--

HITS

	Heavy caliber	Medium caliber
Queen Elizabeth class -----	23 hits, 72 total	
1 Queen Elizabeth class -----	5 hits, 48 total	
2 Queen Elizabeth class -----	10 hits, 60 total	
Lutzow -----	3 hits, 40 total	
Seydlitz -----	4 hits, 43 total	
Moltke -----	2 hits, 40 total	
Konig -----	2 hits, 27 total	
Konig primary ammo low		
Grosser Kurfurst -----	11 hits, 24 total	
Grosser Kurfurst medium damage		
Kaiser -----	11 hits, 38 total	
Prinzregent Luitpold -----	7 hits, 67 total	
Prinzregent Luitpold primary ammo low		
Flotille IX (12) heavy damage		

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

REPORTS for HSF

Grosser Kurfurst turns away to SE due to close range
 Grosser Kurfurst maximum speed reduced by flooding
 Kaiser loses power, primary battery out of action
 Flotille IX (12) turns away to SE due to close range
 Flotille VI (12) combing torpedoes (toward)

Konig maximum speed reduced by flooding
 Grosser Kurfurst maximum speed reduced by flooding
 Markgraf maximum speed reduced by flooding
 Flotille IX (12) DISPERSED, position 120N 74E
 Lutzow avoiding torpedoes (away)
 Grosser Kurfurst maximum speed reduced by flooding
 Markgraf maximum speed reduced by flooding
 Grosser Kurfurst fire control damage
 Flotille II (12) turns away to SSE due to close range
 Enemy Queen Elizabeth class SINKS
 Flotille VI (12) turns away to ESE due to close range
 Flotille II (12) shifts station guide to Valiant
 Flotille VI (12) shifts station guide to Valiant
 Markgraf maximum speed reduced by flooding
 Grosser Kurfurst new lead ship of Div-V and new flagship of HSF
 Apparent wind on Grosser Kurfurst from S at 11 knots (starboard bow)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Prinzregent Luitpold	-----> 1	Queen Elizabeth	----- 2,432	6	2	
Kaiserin	----->	Queen Elizabeth	----- 4,391			
Helgoland	----->	Queen Elizabeth	----- 4,584	2	2	
Oldenburg	-----> 1	Queen Elizabeth	----- 2,121	2	2	
Frankfurt	-----> 1	Chatham	-----11,718		2	/Downwind
Wiesbaden	-----> 1	Chatham	-----11,417		2	
Pillau	-----> 2	Birmingham	-----11,132			Flotille II (12)
Stettin	-----> 1	Weymouth	----- 9,336		8	
Muenchen	-----> 2	Weymouth	----- 9,253		3	Stettin/2ptsP
Hamberg	-----> 2	Weymouth	----- 9,086		3	Muenchen/2ptsP
Frauenlob	-----> 1	Weymouth	----- 8,902		8	Hamberg/2ptsP
Flotille II (12)	----->	K Destroyer	----- 5,192		6	
Flotille VI (12)	----->	M Destroyer	----- 3,148		4	Orion class
		third ship in enemy unit, King George V class not under fire				
		second ship in enemy unit, Orion class not under fire				

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G.	----- Lutzow	----- 118N 76E	127	20	14	14.8	22	20
	dropped Konig	----- 121N 67E	015	14	14	14.6	14	--
Div-V	----- Grosser Kurfurst	----- 112N 70E	127	14	14	12.8	14	14
	dropped Kaiser	----- 99N 64E	192	12	12	12.2	12	--
	dropped Prinzregent Luitpold	----- 110N 66E	012	15	15	15.0	15	--
Div-VI	----- Kaiserin	----- 114N 66E	096	14	15	16.8	18	18

Div-I -----	Ostfriesland -----	114N 65E	354	21	18	17.2	21	21
298 yds	Thurigen -----	112N 65E	354	15	17	15.8	21	--
531 yds	Helgoland -----	110N 65E	355	16	16	14.0	21	--
II.A.G. -----	Frankfurt -----	108N 77E	135	19	19	19.0	28	19
IV.A.G. -----	Stettin -----	88N 59E	080	21	21	18.6	25	21
Flot-II -----	Flotille II (12)(7) -----	119N 76E	153	34	18	21.4	34	--
Flot-VI -----	Flotille VI (12)(2) -----	125N 73E	080	33	29	26.8	33	--

HITS	Heavy caliber	Medium caliber
1 Queen Elizabeth class -----	10 hits, 58 total	
Queen Elizabeth class -----	7 hits, 67 total	
Konig -----	5 hits, 32 total	
Grosser Kurfurst -----	16 hits, 40 total	
Grosser Kurfurst heavy damage		
Markgraf -----	19 hits, 38 total	
Markgraf heavy damage		
Kaiser -----	2 hits, 40 total	
Flotille II (12) heavy damage		
Flotille VI (12) heavy damage		

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Turn 42 14:45 Hrs Real Time 07:24:09 AM 03/16/2021

Wind W at 12 knots, veering

REPORTS for HSF

Konig avoids collision, course 095
 Konig maximum speed reduced by flooding
 Flotille VI (12) DISPERSED, position 124N 75E
 Wiesbaden primary guns damaged
 Wiesbaden maximum speed reduced by flooding
 Thurigen avoids collision, course 064
 Wiesbaden recommends reducing speed to limit flooding
 Markgraf new lead ship of Div-V and new flagship of HSF
 Apparent wind on Markgraf from SSW at 9 knots (6 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Friedrich Der Grosse ----->	1	King George V -----	6,341			King George V class/Downwind
Ostfriesland ----->	3	King George V -----	3,067			Lion class
Thurigen ----->	1	Orion -----	6,942			Ostfriesland/4ptsS
Oldenburg ----->	2	Orion -----	7,172			
Frankfurt ----->	1	Chatham -----	12,227		2	
Wiesbaden ----->	2	Birmingham -----	12,183		3	

Pillau ----->	2 Birmingham -----	11,895	4	
Ebling ----->	3 Birmingham -----	11,850		
Stettin ----->	1 Weymouth -----	8,681	4	
Muenchen ----->	2 Weymouth -----	8,672	5	
Hamberg ----->	2 Weymouth -----	8,516	5	Muenchen/1ptsP
Frauenlob ----->	1 Weymouth -----	8,147	6	Hamberg/1ptsP
Flotille II (12) ----->	1 Chatham -----	8,180	3	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
I.A.G. -----	Lutzow -----	115N 80E	127	20	19	17.0	22	20
dropped	Konig -----	121N 71E	095	08	08	09.8	08	--
dropped	Grosser Kurfurst -----	113N 68E	211	11	11	11.8	14	--
dropped	Markgraf -----	110N 72E	127	11	11	11.2	16	--
dropped	Kaiser -----	95N 64E	192	12	12	12.0	12	--
dropped	Prinzregent Luitpold -----	114N 67E	012	15	15	15.0	15	--
Div-VI -----	Kaiserin -----	112N 70E	127	14	14	12.0	18	18
Div-I -----	Ostfriesland -----	120N 64E	354	21	19	18.8	21	21
730 yds	Helgoland -----	116N 64E	354	18	18	17.6	21	--
II.A.G. -----	Frankfurt -----	104N 81E	135	19	19	19.0	28	18
IV.A.G. -----	Stettin -----	89N 66E	080	21	21	21.0	25	21
500 yds	Frauenlob -----	88N 62E	080	18	19	18.4	21	--
Flot-II -----	Flotille II (12)(4) -----	112N 80E	149	34	28	24.0	34	--

HITS

	Heavy caliber	Medium caliber
1 Queen Elizabeth class -----	24 hits, 82 total	
Queen Elizabeth class -----	6 hits, 73 total	
1 King George V class -----	2 hits, 10 total	
2 King George V class -----	5 hits, 46 total	
3 King George V class -----	1 hit, 4 total	
2 Orion class -----	1 hit, 1 total	
Konig -----	1 hit, 33 total	
Grosser Kurfurst -----	5 hits, 45 total	
Markgraf -----	3 hits, 41 total	
Kaiser -----	2 hits, 42 total	

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

REPORTS for HSF

Oldenburg avoids collision, course 084
Konig loses power, primary battery out of action
Prinzregent Luitpold uncontrolled flooding due to speed

Wiesbaden recommends reducing speed to limit flooding
 Stettin primary guns damaged
 Flotille II (12) turns away to SE due to close range
 Apparent wind on Markgraf from SSW at 9 knots (6 points to starboard)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Prinzregent Luitpold	----->	Queen Elizabeth	----- 5,596			
Friedrich Der Grosse	----->	1 King George V	----- 7,273			Kaiserin
Ostfriesland	----->	2 King George V	----- 4,173			
Thurigen	----->	1 Orion	----- 8,007			Ostfriesland
Oldenburg	----->	2 Orion	----- 7,406			Konig
Frankfurt	----->	1 Chatham	-----11,971		3	
Wiesbaden	----->	2 Birmingham	-----12,011		3	
Pillau	----->	3 Birmingham	-----12,052		2	
Ebling	----->	3 Birmingham	-----11,767		2	
Stettin	----->	1 Weymouth	----- 7,593		4	
Muenchen	----->	2 Weymouth	----- 7,712		4	Stettin/1ptsP
Hamburg	----->	3 Birkenhead	----- 7,833			Muenchen/1ptsP
Frauenlob	----->	4 Bristol	----- 7,897			
Flotille II (12)	----->	K Destroyer	----- 8,698		6	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
I.A.G.	----- Lutzow	----- 109N 83E	160	22 22 20.4 22 20
	dropped Konig	----- 121N 73E	095	08 08 08.0 08 --
	dropped Grosser Kurfurst	----- 111N 71E	127	11 11 10.2 14 --
	dropped Markgraf	----- 108N 75E	127	11 11 11.0 16 --
	dropped Kaiser	----- 91N 63E	192	12 12 12.0 12 --
	dropped Prinzregent Luitpold	----- 119N 68E	012	15 15 15.0 15 --
Div-VI	----- Kaiserin	----- 110N 75E	114	16 16 15.8 18 18
Div-I	----- Ostfriesland	----- 125N 65E	009	16 16 16.6 21 21
	758 yds Oldenburg	----- 121N 65E	355	15 13 14.2 21 --
II.A.G.	----- Frankfurt	----- 99N 86E	135	19 19 19.0 28 18
IV.A.G.	----- Stettin	----- 90N 72E	080	21 21 21.0 25 21
	734 yds Frauenlob	----- 90N 68E	080	19 20 19.6 21 --
Flot-II	----- Flotille II (12)(3)	----- 115N 85E	121	34 25 23.6 34 --

HITS

	Heavy caliber	Medium caliber
Queen Elizabeth class	----- 1 hit, 83 total	
1 King George V class	----- 3 hits, 13 total	
King George V class	----- 1 hit, 47 total	
2 King George V class	----- 11 hits, 15 total	

1 Orion class ----- 2 hits, 2 total
2 Orion class ----- 3 hits, 4 total
Thurigen primary ammo low