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Turn 1          Sim Time 5 min          Real Time 01:02:50 PM
Unit           Lead, screen, out of form.      Pos (in.)   Crs  Spd(ord/cur/avg/max/unit)
1stDiv  ----- King George V ----- 45 N, 24 E   090  18/18/17.4/21/21
2ndDiv  ----- Iron Duke ----- 44 N, 17 E   020  15/13/12.2/21/21
      491 yds Orion ----- 43 N, 17 E   020  15/12/12.6/21/--
      473 yds Monarch ----- 42 N, 17 E   019  15/11/13.2/21/--
5thDiv  ----- Colossus ----- 35 N, 20 E   090  18/18/17.4/21/21
6thDiv  ----- Collingwood ----- 29 N, 18 E   110  18/18/17.4/21/21
1stLCS  ----- Weymouth ----- 32 N, 30 E   110  20/20/19.2/25/25
2ndLCS  ----- Southampton ----- 34 N, 46 E   110  23/23/20.6/25/25
      6338 yds Birmingham ----- 26 N, 38 E   045  23/19/16.2/25/--
      4983 yds Lowestoft ----- 45 N, 45 E   169  23/19/16.2/25/--
      14952 yds Nottingham ----- 11 N, 32 E   031  23/19/16.2/25/--
1stFlot  ----- 1st Flotilla (14) ----- 40 N, 27 E   110  25/25/21.0/30/30
4thFlot  ----- 4th Flotilla (14) ----- 34 N, 25 E   110  25/25/21.0/29/29
11thFlot ----- 11th Flotilla (14) ----- 29 N, 23 E   110  25/25/21.0/29/29
Hits              Heavy caliber      Medium caliber
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Turn 2          Sim Time 10 min          Real Time 01:11:58 PM
Sighted Breslau class CL ----- 14 N, 58 E , Crs 315, Spd 20
Sighted Breslau class CL ----- 22 N, 67 E , Crs 315, Spd 20
Sighted Breslau class CL ----- 13 N, 59 E , Crs 315, Spd 20
Sighted Kolberg class CL ----- 31 N, 72 E , Crs 315, Spd 20
Unit           Lead, screen, out of form.      Pos (in.)   Crs  Spd(ord/cur/avg/max/unit)
1stDiv  ----- King George V ----- 45 N, 30 E   090  18/18/18.0/21/21
2ndDiv  ----- Iron Duke ----- 45 N, 22 E   089  20/15/13.6/21/21
      605 yds Monarch ----- 45 N, 20 E   088  20/14/13.2/21/--
      655 yds Conqueror ----- 45 N, 19 E   088  20/8/11.2/21/--
      682 yds Thunderer ----- 44 N, 19 E   049  20/14/12.0/21/--
5thDiv  ----- Colossus ----- 35 N, 26 E   090  18/18/18.0/21/21
6thDiv  ----- Collingwood ----- 27 N, 24 E   110  18/18/18.0/21/21
1stLCS  ----- Weymouth ----- 29 N, 37 E   110  23/23/22.6/25/25
2ndLCS  ----- Southampton ----- 36 N, 54 E   075  23/23/22.6/25/25
      5770 yds Birmingham ----- 30 N, 44 E   057  23/24/23.2/25/--
      2020 yds Lowestoft ----- 39 N, 50 E   117  23/24/23.2/25/--
      13553 yds Nottingham ----- 17 N, 36 E   038  23/24/23.2/25/--
1stFlot  ----- 1st Flotilla (14) ----- 37 N, 34 E   110  25/25/25.0/30/30
4thFlot  ----- 4th Flotilla (14) ----- 31 N, 32 E   110  25/25/25.0/29/29
11thFlot ----- 11th Flotilla (14) ----- 26 N, 30 E   110  25/25/25.0/29/29
Hits              Heavy caliber      Medium caliber
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Turn 3          Sim Time 15 min          Real Time 01:36:17 PM
Sighted Kasier class DN ----- 20 N, 77 E , Crs 350, Spd 15
Sighted Kasier class DN ----- 18 N, 78 E , Crs 315, Spd 15
Sighted Kasier class DN ----- 19 N, 77 E , Crs 315, Spd 15
Sighted Kasier class DN ----- 18 N, 78 E , Crs 315, Spd 15
Sighted Kasier class DN ----- 18 N, 78 E , Crs 315, Spd 15
Sighted Helgoland class DN ----- 16 N, 79 E , Crs 312, Spd 15
Sighted Helgoland class DN ----- 17 N, 78 E , Crs 350, Spd 15
Sighted Helgoland class DN ----- 16 N, 79 E , Crs 295, Spd 15
Sighted Karlsruhe class CL ----- 45 N, 78 E , Crs 000, Spd 20
Sighted Kolberg class CL ----- 44 N, 78 E , Crs 000, Spd 25
Sighted V25 Torpedoboat unit (11)----- 25 N, 74 E , Crs 350, Spd 15
Firing Ship      Target ship or class      Range yds Arc Obstruction
Southampton under fire
1st Flotilla (14) -----> 1 Breslau      8,555
4th Flotilla (14) -----> 1 Breslau      8,107
11th Flotilla (14) -----> 1 Breslau      8,810
Unit           Lead, screen, out of form.      Pos (in.)   Crs  Spd(ord/cur/avg/max/unit)
1stDiv  ----- King George V ----- 45 N, 36 E   090  18/18/18.0/21/21
2ndDiv  ----- Iron Duke ----- 45 N, 28 E   090  20/19/17.6/21/21
      2677 yds Conqueror ----- 45 N, 23 E   090  20/14/12.0/21/--
5thDiv  ----- Colossus ----- 35 N, 31 E   090  12/13/15.0/21/21
6thDiv  ----- Collingwood ----- 32 N, 25 E   020  21/15/14.6/21/21
      633 yds Bellerophon ----- 30 N, 25 E   020  21/14/17.0/21/--
      633 yds Superb ----- 29 N, 24 E   020  21/14/17.0/21/--
1stLCS  ----- Weymouth ----- 31 N, 45 E   080  23/23/22.6/25/25
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2ndLCS	-----	Southampton	-----	37 N, 60 E	080	18/18/18.6/25/25
	4672 yds	Birmingham	-----	34 N, 51 E	067	25/25/24.6/25/--
	12042 yds	Nottingham	-----	23 N, 42 E	047	25/25/24.6/25/--
1stFlot	-----	1st Flotilla (14)	-----	34 N, 42 E	110	25/25/25.0/30/30
4thFlot	-----	4th Flotilla (14)	-----	28 N, 40 E	110	25/25/25.0/29/29
11thFlot	----	11th Flotilla (14)	-----	23 N, 38 E	110	25/25/25.0/29/29
Hits				Heavy caliber		Medium caliber

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Turn 4          Sim Time 20 min          Real Time 01:59:40 PM
Sighted Helgoland class DN ----- 15 N, 79 E , Crs 315, Spd 15
Sighted Westfalen class DN ----- 15 N, 79 E , Crs 350, Spd 15
Sighted Westfalen class DN ----- 16 N, 78 E , Crs 350, Spd 15
Sighted Westfalen class DN ----- 14 N, 79 E , Crs 293, Spd 15
Sighted Westfalen class DN ----- 14 N, 79 E , Crs 293, Spd 15
Sighted T174 Torpedoboat unit (8)----- 29 N, 82 E , Crs 350, Spd 15
Firing Ship          Target ship or class          Range yds Arc Obstruction
Southampton under fire
1st Flotilla (14) -----> Breslau          8,686      1st Flotilla (14)
4th Flotilla (14) -----> 3 Breslau          8,342      Yarmouth
11th Flotilla (14) -----> 3 Breslau          8,519      Breslau class smoke
Unit          Lead, screen, out of form.          Pos (in.)          Crs          Spd(ord/cur/avg/max/unit)
1stDiv ----- King George V ----- 45 N, 42 E          090          18/18/18.0/21/21
2ndDiv ----- Iron Duke ----- 45 N, 35 E          090          20/20/19.6/21/21
          3500 yds Conqueror ----- 45 N, 29 E          090          20/19/17.0/21/--
5thDiv ----- Colossus ----- 35 N, 35 E          090          12/12/12.0/21/21
6thDiv ----- Collingwood ----- 35 N, 29 E          051          14/14/14.2/21/21
1stLCS ----- Weymouth ----- 36 N, 50 E          045          23/23/22.6/25/25
2ndLCS ----- Southampton ----- 40 N, 65 E          060          18/18/18.0/25/25
          5529 yds Birmingham ----- 37 N, 59 E          066          25/25/25.0/25/--
          15425 yds Nottingham ----- 28 N, 49 E          056          25/25/25.0/25/--
1stFlot ----- 1st Flotilla (14) ----- 41 N, 46 E          030          28/24/22.2/30/30
4thFlot ----- 4th Flotilla (14) ----- 35 N, 44 E          030          28/24/22.2/29/29
11thFlot ----- 11th Flotilla (14) ----- 30 N, 42 E          030          28/24/22.2/29/29
Hits          Heavy caliber          Medium caliber
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Turn 5          Sim Time 25 min          Real Time 02:16:58 PM
Sighted V25 Torpedoboat unit (8)----- 25 N, 79 E , Crs 350, Spd 15
Firing Ship          Target ship or class          Range yds Arc Obstruction
Southampton under fire
Lowestoft under fire
1st Flotilla (14) under fire
4th Flotilla (14) -----> 1 Breslau          6,606      Yarmouth
11th Flotilla (14) -----> 1 Breslau          6,508
Unit          Lead, screen, out of form.          Pos (in.)          Crs          Spd(ord/cur/avg/max/unit)
1stDiv ----- King George V ----- 45 N, 48 E          090          20/20/19.6/21/21
2ndDiv ----- Iron Duke ----- 45 N, 41 E          090          21/21/20.6/21/21
          3922 yds Conqueror ----- 45 N, 35 E          090          20/20/19.6/21/--
5thDiv ----- Colossus ----- 35 N, 39 E          090          12/12/12.0/21/21
6thDiv ----- Collingwood ----- 35 N, 34 E          090          12/12/13.4/21/21
1stLCS ----- Weymouth ----- 40 N, 57 E          060          23/23/23.0/25/25
2ndLCS ----- Southampton ----- 43 N, 70 E          060          18/18/18.0/25/25
          3494 yds Birmingham ----- 41 N, 66 E          064          25/25/25.0/25/--
          13407 yds Nottingham ----- 33 N, 56 E          057          25/25/25.0/25/--
1stFlot ----- 1st Flotilla (14) ----- 45 N, 54 E          060          28/28/27.2/30/30
4thFlot ----- 4th Flotilla (14) ----- 39 N, 52 E          060          28/27/25.8/29/29
11thFlot ----- 11th Flotilla (14) ----- 34 N, 50 E          060          28/27/25.8/29/29
Hits          Heavy caliber          Medium caliber
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Turn 6          Sim Time 30 min          Real Time 02:38:52 PM
Firing Ship          Target ship or class          Range yds Arc Obstruction
King George V -----> 1 Kasier          11,424      1st Flotilla (14)
Ajax -----> 2 Kasier          11,924      King George V
Centurion -----> 2 Kasier          12,192      Ajax
Audacious -----> 3 Kasier          12,691      Centurion
Southampton under fire
Birmingham under fire
Lowestoft under fire
Nottingham under fire
1st Flotilla (14) -----> V25 Torpedoboat          4,662      Breslau class smoke
4th Flotilla (14) -----> V25 Torpedoboat          6,256

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11th Flotilla (14) -----> 1 Breslau 1,750

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg/max/unit)
1stDiv	King George V	29 N, 53 E	050	20/19/19.0/21/21
2ndDiv	Iron Duke	26 N, 48 E	050	19/19/20.2/21/21
	4127 yds Conqueror	25 N, 42 E	076	20/21/20.6/21/--
5thDiv	Colossus	18 N, 42 E	050	12/12/11.8/21/21
6thDiv	Collingwood	15 N, 38 E	050	12/12/11.8/21/21
	1165 yds Superb	15 N, 35 E	109	12/13/12.0/21/--
1stLCS	Weymouth	26 N, 61 E	030	25/23/22.6/25/25
2ndLCS	Southampton	29 N, 70 E	000	20/20/19.6/25/25
	10283 yds Nottingham	20 N, 60 E	030	25/25/24.8/25/--
1stFlot	1st Flotilla (14)	25 N, 63 E	090	27/27/26.6/30/30
4thFlot	4th Flotilla (14)	19 N, 61 E	090	27/27/26.6/29/29
11thFlot	11th Flotilla (14)	14 N, 59 E	090	27/27/26.6/29/29

Hits Heavy caliber Medium caliber

Ajax ----- 1 hit, 1 total

1 Kasier class ----- 2 hits, 2 total

2 Kasier class ----- 1 hit, 1 total

Turn 7 Sim Time 35 min Real Time 02:58:33 PM

11th Flotilla (14) turns away to course 217
 Centurion machinery damaged
 11th Flotilla (14) launches torpedoes and turns to west
 Southampton primary guns damaged
 1st Flotilla (14) turns away to course 254

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
King George V	1 Kasier	8,504		Weymouth
Ajax	2 Kasier	8,966		King George V
Centurion	Kasier	11,931		Ajax
Audacious	Kasier	12,134		Centurion
Iron Duke	1 Kasier	9,845		Centurion smoke
Orion	4 Kasier	10,635		Iron Duke
Monarch	5 Kasier	11,603	4	Iron Duke smoke
Conqueror	1 Helgoland	13,379	4	Monarch
Thunderer	4 Kasier	12,721	2	Monarch
Colossus	1 Kasier	14,130	4	1st Flotilla (14)
Hercules	2 Helgoland	14,683	4	Breslau class

Yarmouth under fire
 Lowestoft under fire

1st Flotilla (14) -----> T174 Torpedoboat 1,812
 4th Flotilla (14) -----> V25 Torpedoboat 1,737
 11th Flotilla (14) -----> 3 Breslau 3,044

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg/max/unit)
1stDiv	King George V	33 N, 58 E	045	20/20/19.6/21/20
2ndDiv	Iron Duke	30 N, 54 E	045	20/19/18.6/21/21
	3646 yds Conqueror	28 N, 49 E	063	20/21/21.0/21/--
	2443 yds Thunderer	27 N, 49 E	065	20/19/18.6/21/--
5thDiv	Colossus	21 N, 46 E	050	18/17/15.0/21/21
	1034 yds St. Vincent	19 N, 43 E	050	18/15/13.0/21/--
6thDiv	Collingwood	18 N, 42 E	050	16/15/13.0/21/21
	925 yds Bellerophon	16 N, 40 E	050	15/13/12.4/21/--
1stLCS	Weymouth	33 N, 61 E	000	20/20/20.0/25/25
2ndLCS	Southampton	36 N, 68 E	340	20/20/20.0/25/25
	6546 yds Nottingham	28 N, 63 E	016	25/25/25.0/25/--
1stFlot	1st Flotilla (14)	25 N, 69 E	254	30/29/28.6/30/30
4thFlot	4th Flotilla (14)	19 N, 70 E	090	29/28/27.6/29/29
11thFlot	11th Flotilla (14) refor	16 N, 54 E	281	29/22/22.8/29/29

Hits Heavy caliber Medium caliber

King George V ----- 2 hits, 2 total

Ajax ----- 1 hit, 2 total

Centurion ----- 4 hits, 4 total

Audacious ----- 3 hits, 3 total

1st Flotilla (14) heavy damage
 4th Flotilla (14) medium damage
 11th Flotilla (14) heavy damage

1 Kasier class ----- 3 hits, 5 total
 2 Kasier class ----- 3 hits, 4 total
 3 Kasier class ----- 2 hits, 2 total

Turn 8 Sim Time 40 min Real Time 03:24:28 PM

Centurion primary guns damaged
 Centurion machinery damaged
 1st Flotilla (14) launches torpedoes and turns to west
 4th Flotilla (14) launches torpedoes and turns to southwest
 4th Flotilla (14) turns away to course 265
 King George V primary guns damaged

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
King George V	1 Kasier	5,612		Dartmouth
Ajax	2 Kasier	6,071		King George V
Centurion	Kasier	11,350		Westfalen class
Audacious	Kasier	11,343		Westfalen class smoke
Iron Duke	1 Kasier	6,902		Centurion smoke
Orion	3 Kasier	7,656		Iron Duke
Monarch	4 Kasier	8,116		Orion
Conqueror	1 Kasier	9,230	2	Monarch smoke
Thunderer	2 Kasier	9,387	4	Monarch smoke
Colossus	1 Helgoland	11,719	4	Breslau class
Hercules	2 Helgoland	12,117	4	Colossus
Neptune	Kasier	14,062	8	Westfalen class
St. Vincent	3 Kasier	13,333	4	Neptune
Collingwood	4 Kasier	14,043	4	St. Vincent
Vanguard	2 Westfalen	13,513		Collingwood
Falmouth under fire				
Yarmouth under fire				
Southampton under fire				
Lowestoft under fire				
1st Flotilla (14)	V25 Torpedoboat	3,240		1st Flotilla (14) downwind
4th Flotilla (14)	V25 Torpedoboat	3,484		
11th Flotilla (14)	3 Breslau	8,661		11th Flotilla (14)

4th Flotilla (14) DESTROYED, position 10 N, 16 E

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg/max/unit)
1stDiv	King George V	38 N, 62 E	045	20/20/20.0/21/19
	872 yds Centurion	37 N, 61 E	045	19/19/19.4/19/--
2ndDiv	Iron Duke	35 N, 59 E	045	20/20/19.6/21/21
	3054 yds Conqueror	32 N, 54 E	053	20/21/21.0/21/--
	2749 yds Thunderer	31 N, 54 E	051	20/19/17.6/21/--
5thDiv	Colossus	26 N, 50 E	041	21/19/18.6/21/21
6thDiv	Collingwood	22 N, 46 E	044	21/19/17.6/21/21
	1745 yds Bellerophon	20 N, 44 E	045	15/18/16.0/21/--
	1524 yds Superb	19 N, 43 E	045	21/16/14.0/21/--
1stLCS	Weymouth	38 N, 66 E	050	25/23/21.0/25/25
	900 yds Yarmouth	36 N, 64 E	049	25/21/21.4/25/--
2ndLCS	Southampton	40 N, 73 E	050	25/22/19.6/25/25
	900 yds Birmingham	39 N, 72 E	050	25/21/20.2/25/--
	900 yds Lowestoft	39 N, 72 E	050	25/21/20.2/25/--
	5994 yds Nottingham	34 N, 68 E	043	25/25/24.8/25/--
1stFlot	1st Flotilla (14) reform	26 N, 62 E	289	27/24/20.8/30/30
4thFlot	4th Flotilla (14) reform	18 N, 65 E	265	27/22/22.8/0/--
11thFlot	11th Flotilla (14) reform	16 N, 46 E	270	27/27/26.2/29/29

Hits	Heavy caliber	Medium caliber
King George V	3 hits, 5 total	
Ajax	4 hits, 6 total	
Ajax medium damage		
Centurion	3 hits, 7 total	
Centurion medium damage		
Audacious	3 hits, 6 total	
Iron Duke	3 hits, 3 total	
Orion	2 hits, 2 total	
Monarch	5 hits, 5 total	
Conqueror	2 hits, 2 total	
1 Kasier class	6 hits, 11 total	
2 Kasier class	3 hits, 7 total	
3 Kasier class	1 hit, 1 total	
1 Westfalen class	1 hit, 1 total	

Turn 9 Sim Time 45 min Real Time 03:45:25 PM

Iron Duke primary guns damaged
 Orion secondary gun hit, secondary magazine lost
 Centurion engine disabled
 Orion primary barbette hit, primary magazine lost

Orion primary guns damaged
 Ajax engine disabled
 Conqueror secondary gun hit, secondary magazine lost
 Ajax 3 boilers damaged

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
King George V ----->	1 Kasier	2,839		Yarmouth
Ajax ----->	2 Kasier	3,282		King George V
Centurion ----->	2 Kasier	3,447		Ajax
Audacious ----->	Kasier	10,858		Audacious
Iron Duke ----->	Kasier	10,626		Breslau class
Orion ----->	3 Kasier	4,720		Iron Duke
Monarch ----->	4 Kasier	5,177		Orion
Conqueror ----->	3 Kasier	6,166	4	Monarch smoke
Thunderer ----->	4 Kasier	6,607	4	Conqueror
Colossus ----->	1 Helgoland	9,120	4	Breslau class
Hercules ----->	2 Helgoland	9,516	4	Colossus
Neptune ----->	Kasier	11,628	8	Hercules
St. Vincent ----->	2 Helgoland	10,356	4	Neptune
Collingwood ----->	3 Helgoland	11,386	4	Neptune smoke
Vanguard ----->	2 Westfalen	11,194		Collingwood
Bellerophon ----->	3 Westfalen	13,775		Vanguard
Superb ----->	4 Helgoland	13,175	4	Vanguard smoke

Southampton under fire

Nottingham under fire

1st Flotilla (14) -----> V25 Torpedoboat

3,247 Breslau class

11th Flotilla (14) under fire

Ajax maximum speed reduced by flooding

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg/max/unit)
1stDiv -----	King George V -----	43 N, 67 E	045	19/19/19.0/21/16
	771 yds Centurion -----	41 N, 65 E	045	18/18/18.6/18/--
2ndDiv -----	Iron Duke -----	39 N, 63 E	045	19/19/19.2/21/21
	2267 yds Conqueror -----	36 N, 60 E	048	19/21/21.0/21/--
	2428 yds Thunderer -----	35 N, 59 E	047	19/20/19.6/21/--
5thDiv -----	Colossus -----	30 N, 55 E	044	21/20/19.6/21/21
6thDiv -----	Collingwood -----	27 N, 51 E	045	21/20/19.6/21/21
	1957 yds Superb -----	24 N, 48 E	045	19/19/18.4/21/--
1stLCS -----	Weymouth -----	43 N, 72 E	050	24/24/23.6/25/25
2ndLCS -----	Southampton -----	45 N, 79 E	050	24/24/23.6/25/25
	5337 yds Nottingham -----	40 N, 74 E	046	25/25/25.0/25/--
1stFlot -----	1st Flotilla (14) reform -	35 N, 62 E	000	29/27/24.4/30/30
11thFlot ----	11th Flotilla (14) refor -	21 N, 48 E	033	29/23/21.4/29/29

Hits Heavy caliber Medium caliber

King George V ----- 4 hits, 9 total
 King George V medium damage
 Ajax ----- 8 hits, 14 total
 Ajax heavy damage
 Centurion ----- 3 hits, 10 total
 Audacious ----- 5 hits, 11 total
 Audacious medium damage
 Iron Duke ----- 15 hits, 18 total
 Iron Duke medium damage
 Orion ----- 15 hits, 17 total
 Orion medium damage
 Monarch ----- 3 hits, 8 total
 Conqueror ----- 3 hits, 5 total
 1 Kasier class ----- 6 hits, 17 total
 2 Kasier class ----- 5 hits, 12 total
 Kasier class ----- 2 hits, 4 total
 3 Kasier class ----- 1 hit, 2 total
 4 Kasier class ----- 2 hits, 2 total
 1 Helgoland class ----- 2 hits, 2 total
 2 Helgoland class ----- 1 hit, 1 total
 3 Helgoland class ----- 1 hit, 1 total

Turn 10 Sim Time 50 min Real Time 04:08:35 PM

Centurion machinery damaged
 Ajax maximum speed reduced by flooding
 Iron Duke maximum speed reduced by flooding
 Audacious 2 boilers damaged
 Ajax maximum speed reduced by flooding

Iron Duke maximum speed reduced by flooding
 Orion maximum speed reduced by flooding
 Iron Duke avoiding torpedoes (toward)
 Ajax maximum speed reduced by flooding
 Orion maximum speed reduced by flooding
 Kasier class SINKS
 Centurion primary guns damaged
 Orion avoiding torpedoes (toward)
 Iron Duke combing torpedoes (toward)
 Orion maximum speed reduced by flooding
 Iron Duke primary guns damaged

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
King George V ----->	1 Kasier	1,330	4	King George V smoke downwind
Ajax ----->	Kasier	13,227	2	Audacious smoke
Centurion ----->	1 Kasier	762		Weymouth
Audacious ----->	1 Kasier	846		Centurion
Iron Duke ----->	2 Kasier	1,493		
Orion ----->	Kasier	10,516	2	
Monarch ----->	3 Kasier	2,482	4	Orion
Conqueror ----->	2 Kasier	3,043	4	
Thunderer ----->	3 Kasier	3,921	2	Iron Duke
Colossus ----->	1 Helgoland	6,932	4	Thunderer smoke
Hercules ----->	2 Helgoland	7,370	8	Colossus
Neptune ----->	Kasier	11,574		Hercules
St. Vincent ----->	1 Helgoland	8,415	4	Thunderer smoke
Collingwood ----->	3 Helgoland	9,175	4	Breslau class
Vanguard ----->	2 Westfalen	9,886		Collingwood
Bellerophon ----->	3 Westfalen	10,438		Vanguard
Superb ----->	2 Helgoland	10,753	2	Vanguard

Southampton under fire

Birmingham under fire

1st Flotilla (14) -----> V25 Torpedoboat 6,819 Monarch smoke

1st Flotilla (14) avoiding torpedoes (away)

Centurion recommend reducing speed to limit flooding

Centurion maximum speed reduced by flooding

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg/max/unit)
1stDiv -----	King George V -----	47 N, 71 E	045	18/18/18.0/21/12
indep.	Ajax -----	47 N, 65 E	350	12/12/13.0/12/--
1167 yds	Centurion -----	45 N, 69 E	045	16/16/16.4/13/--
2ndDiv -----	Iron Duke -----	41 N, 67 E	017	16/12/14.8/16/15
476 yds	Monarch -----	41 N, 66 E	093	16/17/16.8/21/--
1494 yds	Thunderer -----	39 N, 64 E	077	19/19/19.4/21/--
5thDiv -----	Colossus -----	36 N, 58 E	030	20/20/20.0/21/21
6thDiv -----	Collingwood -----	31 N, 55 E	045	15/15/17.0/21/21
1stLCS -----	Weymouth -----	44 N, 67 E	270	24/21/19.2/25/25
849 yds	Dartmouth -----	44 N, 68 E	270	24/20/20.4/25/--
933 yds	Falmouth -----	44 N, 69 E	270	24/17/20.8/25/--
933 yds	Yarmouth -----	44 N, 70 E	270	24/17/20.8/25/--
2ndLCS -----	Southampton -----	46 N, 74 E	270	24/21/19.2/25/25
849 yds	Birmingham -----	46 N, 75 E	270	24/20/20.4/25/--
933 yds	Lowestoft -----	46 N, 76 E	270	24/17/20.8/25/--
614 yds	Nottingham -----	47 N, 72 E	358	25/23/22.2/25/--
1stFlot -----	1st Flotilla (14) reform -	43 N, 60 E	297	29/29/28.6/30/30
11thFlot ----	11th Flotilla (14) -----	30 N, 48 E	000	29/27/26.2/29/29

Hits Heavy caliber Medium caliber

King George V ----- 1 hit, 10 total

Ajax ----- 6 hits, 20 total

Centurion ----- 8 hits, 18 total

Centurion heavy damage

Audacious ----- 4 hits, 15 total

Iron Duke ----- 8 hits, 26 total

Iron Duke heavy damage

Orion ----- 3 hits, 20 total

Orion heavy damage

Monarch ----- 7 hits, 15 total

Monarch medium damage

Conqueror ----- 1 hit, 6 total

1 Kasier class ----- 6 hits, 18 total

Kasier class ----- 1 hit, 5 total

2 Kasier class ----- 5 hits, 7 total

3 Kasier class ----- 3 hits, 5 total
 1 Helgoland class ----- 3 hits, 5 total
 2 Helgoland class ----- 3 hits, 4 total
 3 Helgoland class ----- 1 hit, 2 total
 2 Westfalen class ----- 1 hit, 1 total

Turn 11 Sim Time 55 min Real Time 04:28:57 PM

1st Flotilla (14) combing torpedoes (away)
 Centurion maximum speed reduced by flooding
 Iron Duke maximum speed reduced by flooding
 Monarch maximum speed reduced by flooding
 1st Flotilla (14) combing torpedoes (away)
 Ajax fire control damage
 1st Flotilla (14) combing torpedoes (away)
 Iron Duke SINKS, position 15 N, 17 E
 Orion maximum speed reduced by flooding
 1st Flotilla (14) combing torpedoes (away)
 Orion maximum speed reduced by flooding

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
King George V ----->	1 Kasier	1,538		
Ajax ----->	Kasier	15,205	2	Westfalen class
Centurion ----->	2 Kasier	671		
Audacious ----->	1 Kasier	1,299		Kasier class smoke
Orion ----->	1 Helgoland	2,408		Helgoland class smoke
Monarch ----->	2 Helgoland	2,039		Kolberg class smoke
Conqueror ----->	2 Kasier	4,110	2	Kasier class smoke
Thunderer ----->	3 Helgoland	2,067		
Colossus ----->	4 Helgoland	4,270	4	Monarch smoke
Hercules ----->	2 Helgoland	4,981	2	Colossus
Neptune ----->	1 Westfalen	5,150		Hercules
St. Vincent ----->	Westfalen	6,444		Neptune smoke
Collingwood ----->	3 Helgoland	7,553	2	Orion smoke
Vanguard ----->	Westfalen	6,398		Collingwood
Bellerophon ----->	3 Westfalen	7,278	4	Vanguard
Superb ----->	2 Helgoland	9,309	2	Vanguard
Yarmouth under fire				
Southampton under fire				
Birmingham under fire				
Nottingham under fire				
1st Flotilla (14) ----->	V25 Torpedoboat	8,255		1st Flotilla (14) downwind
11th Flotilla (14) ----->	V25 Torpedoboat	8,050		Superb
1st Flotilla (14) combing torpedoes (away)				
Thunderer avoiding torpedoes (toward)				
Thunderer TORPEDOED				
Thunderer maximum speed reduced by boiler room flooding				
Monarch maximum speed reduced by flooding				

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg/max/unit)
1stDiv -----	King George V -----	52 N, 71 E	000	16/16/16.0/21/9
indep.	Ajax -----	51 N, 65 E	350	12/12/12.0/12/--
3585 yds	Centurion -----	48 N, 70 E	007	9/9/09.8/9/--
2ndDiv -----	Orion -----	41 N, 70 E	090	13/12/10.6/13/13
405 yds	Monarch -----	41 N, 69 E	090	13/11/12.0/15/--
470 yds	Conqueror -----	40 N, 69 E	010	13/15/13.4/21/--
indep.	Thunderer -----	42 N, 67 E	066	13/15/15.6/19/--
5thDiv -----	Colossus -----	41 N, 63 E	045	20/20/20.0/21/21
1852 yds	St. Vincent -----	38 N, 59 E	049	20/15/15.6/21/--
6thDiv -----	Collingwood -----	35 N, 59 E	045	20/19/17.6/21/21
1stLCS -----	Weymouth -----	44 N, 60 E	270	20/20/19.8/25/25
2ndLCS -----	Southampton -----	46 N, 67 E	270	20/20/19.8/25/25
1392 yds	Nottingham -----	46 N, 71 E	275	20/13/15.8/25/--
1stFlot -----	1st Flotilla (14) -----	47 N, 52 E	297	29/28/25.6/30/30
11thFlot ----	11th Flotilla (14) -----	30 N, 56 E	090	29/23/21.4/29/29

Hits Heavy caliber Medium caliber
 Ajax ----- 4 hits, 24 total
 Centurion ----- 2 hits, 20 total
 Orion ----- 5 hits, 25 total
 Monarch ----- 5 hits, 20 total
 Monarch heavy damage
 Thunderer medium damage
 1 Kasier class ----- 15 hits, 33 total

2 Kasier class ----- 1 hit, 8 total
 1 Helgoland class ----- 4 hits, 9 total
 2 Helgoland class ----- 4 hits, 8 total
 3 Helgoland class ----- 9 hits, 11 total
 1 Westfalen class ----- 2 hits, 3 total
 2 Westfalen class ----- 4 hits, 5 total
 3 Westfalen class ----- 2 hits, 2 total

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Turn 12 Sim Time 60 min Real Time 04:51:54 PM

Centurion primary turret hit, primary magazine lost
 Centurion primary guns damaged
 1st Flotilla (14) combing torpedoes (away)
 Thunderer combing torpedoes (toward)
 Ajax maximum speed reduced by flooding
 Centurion capsizes
 Centurion SINKS, position 17 N, 18 E
 Monarch maximum speed reduced by flooding
 Kasier class SINKS
 Nottingham machinery damaged
 Nottingham primary guns damaged
 11th Flotilla (14) launches torpedoes and turns to southwest
 1st Flotilla (14) combing torpedoes (away)
 Hercules avoiding torpedoes (toward)
 Monarch maximum speed reduced by flooding
 Collingwood avoiding torpedoes (toward)
 Vanguard avoiding torpedoes (toward)
 Bellerophon avoiding torpedoes (toward)
 Superb avoiding torpedoes (toward)
 Neptune avoiding torpedoes (toward)
 Ajax secondary magazine lost
 Nottingham engine disabled
 Conqueror primary turret hit, primary magazine fire, BLOWN UP
 Bellerophon combing torpedoes (toward)
 Superb combing torpedoes (toward)
 St. Vincent avoiding torpedoes (toward)
 Collingwood combing torpedoes (toward)
 King George V maximum speed reduced by flooding
 Ajax SINKS, position 18 N, 16 E
 Conqueror BLOWN UP, position 15 N, 18 E
 King George V secondary gun hit, secondary and primary magazine fire, BLOWN UP
 King George V primary guns damaged
 Lowestoft machinery damaged
 Lowestoft primary guns damaged

Firing Ship	Target ship or class	Range yds	Arc	Obstruction
King George V under fire				
Audacious ----->	2 Kasier	2,437	2	Kasier class
Orion ----->	1 Helgoland	5,929		Helgoland class
Monarch ----->	2 Helgoland	5,194		Helgoland class
Thunderer ----->	2 Helgoland	4,616		Helgoland class
Colossus ----->	4 Helgoland	3,314		Birmingham smoke
Hercules ----->	3 Helgoland	3,678	8	Nottingham
Neptune ----->	1 Westfalen	2,854	8	Neptune smoke
St. Vincent ----->	2 Westfalen	5,101		
Collingwood ----->	4 Helgoland	6,790		T174 Torpedoboat class
Vanguard ----->	2 Westfalen	3,585		Collingwood
Bellerophon ----->	3 Westfalen	3,809	4	
Superb ----->	2 Helgoland	8,711		Bellerophon
Yarmouth under fire				
Southampton under fire				
Nottingham under fire				
1st Flotilla (14) ----->	V25 Torpedoboat	7,098		Colossus
11th Flotilla (14) ----->	V25 Torpedoboat	6,570		11th Flotilla (14)

Vanguard avoiding torpedoes (toward)
 Vanguard TORPEDOED
 Vanguard maximum speed reduced by engineroom flooding
 King George V BLOWN UP, position 19 N, 18 E
 Orion maximum speed reduced by flooding

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg/max/unit)
1stDiv -----	King George V -----	57 N, 71 E	000	15/15/15.0/0/--
	3052 yds Audacious -----	54 N, 73 E	344	15/13/14.0/20/20

2ndDiv	----- Orion	-----	41 N, 74 E	090	13/13/13.0/9/9
	870 yds	Monarch	-----	41 N, 73 E	090 11/11/11.6/11/--
	1874 yds	Thunderer	-----	41 N, 71 E	097 13/10/11.0/19/--
5thDiv	----- Colossus	-----	47 N, 63 E	000	20/19/18.4/21/21
	2223 yds	Hercules	-----	45 N, 63 E	349 20/13/16.8/21/--
	2373 yds	Neptune	-----	44 N, 64 E	347 20/12/16.4/21/--
	2339 yds	St. Vincent	-----	43 N, 62 E	003 20/15/16.8/21/--
6thDiv	----- Collingwood	-----	37 N, 64 E	045	20/17/18.2/21/19
	indep.	Vanguard	-----	36 N, 63 E	120 20/14/17.6/19/--
	indep.	Bellerophon	-----	36 N, 63 E	043 20/18/18.6/21/--
	indep.	Superb	-----	35 N, 62 E	041 20/18/18.6/21/--
1stLCS	----- Weymouth	-----	47 N, 54 E	300	20/20/20.0/25/25
2ndLCS	----- Southampton	-----	49 N, 62 E	300	20/20/20.0/25/21
1stFlot	----- 1st Flotilla (14)	-----	53 N, 52 E	045	29/20/24.6/30/30
11thFlot	---- 11th Flotilla (14) refor	-	30 N, 51 E	265	29/22/22.4/29/29
Hits				Heavy caliber	Medium caliber
	Audacious	-----		5 hits, 20 total	
	Orion	-----		1 hit, 26 total	
	Monarch	-----		6 hits, 26 total	
	Colossus	-----		3 hits, 3 total	
	Hercules	-----		1 hit, 1 total	
	Neptune	-----		8 hits, 8 total	
	Lowestoft	medium damage			
	Nottingham	medium damage			
	2 Kasier class	-----		11 hits, 16 total	
	2 Helgoland class	-----		5 hits, 13 total	
	3 Helgoland class	-----		5 hits, 16 total	
	4 Helgoland class	-----		7 hits, 7 total	
	1 Westfalen class	-----		5 hits, 8 total	
	2 Westfalen class	-----		2 hits, 7 total	
	3 Westfalen class	-----		2 hits, 4 total	