

Swedish Ore Convoy 1916 German Baltic Fleet

Initial conditions

Wind WSW at 5 knots
 Visibility 12,000 yards, steady

Unit	Pos (in.)	Crs	Spd(ord/max/unit max)		
Escort in formation Line Ahead					
flagship Orama	80N 8E	180	10	18	18
6th-Flot ---- 6th Flot (4)	83N 11E	180	10	12	12
7th-Flot ---- 7th Flot (4)	77N 5E	180	10	12	12
Convoy ----- Convoy (6)	83N 5E	180	10	10	10
SG-I in formation Line Ahead					
flagship Prinz Adalbert	32N 16E	045	15	20	20
SG-II in formation Screen					
flagship Thetis	40N 18E	045	15	21	21
screen Undine	34N 24E	045	15	21	
Flot-IV ----- Flot IV (6)	35N 19E	045	15	29	29
Div-I in formation Line Ahead					
flagship Konig Albert	12N 60E	000	15	22	22
Div-II in formation Line Ahead					
flagship Markgraf	8N 60E	000	15	22	22
AG-III in formation Screen					
flagship Kolberg	24N 60E	000	15	27	27
screen Augsburg	24N 68E	000	15	27	
screen Coln	24N 52E	000	15	27	
Flot-IX ----- Flot IX (6)	16N 60E	000	15	33	33

=====
 Turn 1 06:20 Hrs Real Time 01:54:31 PM
 Visibility 12,000 yards, steady

6th Flot (4) reports smoke bearing E
 6th Flot (4) reports smoke bearing ESE
 Sighted 4 funneled cruiser ----- 80N 28E, Crs 270, Spd 20 from 6th Flot (4)
 Sighted 4 destroyers ----- 80N 29E, Crs 270, Spd 20 from 6th Flot (4)
 Visible to opposing side:
 Escort ----- Orama
 6th-Flot ---- 6th Flot (4)

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction
Orama under fire					
6th Flot (4) ----->	Azard Destroyer	8,419			Novik class

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)				
Escort ----- Orama		77N 08E	180	10	10	10.0	18	18
6th-Flot ---- 6th Flot (4)(4)		79N 11E	180	10	10	10.0	12	12
7th-Flot ---- 7th Flot (4)(4)		74N 05E	180	10	10	10.0	12	12
Convoy ----- Convoy (6)(6)		79N 05E	180	10	10	10.0	10	10
SG-I ----- Prinz Adalbert		36N 20E	045	15	15	15.0	20	20
SG-II ----- Thetis		43N 22E	045	15	15	15.0	21	21
screen Undine		38N 27E	045	15	15	15.0	21	--
Flot-IV ----- Flot IV (6)(6)		38N 22E	045	15	15	15.0	29	29
Div-I ----- Konig Albert		17N 60E	000	15	15	15.0	22	22
Div-II ----- Markgraf		13N 60E	000	15	15	15.0	22	22
AG-III ----- Kolberg		29N 60E	000	15	15	15.0	27	27
screen Augsburg		29N 68E	000	15	15	15.0	27	--
screen Coln		29N 52E	000	15	15	15.0	27	--
Flot-IX ----- Flot IX (6)(6)		21N 60E	000	15	15	15.0	33	33
Hits			Heavy caliber	Medium caliber				
Convoy (6) all primary guns disabled								

=====
 Turn 2 06:25 Hrs Real Time 02:12:52 PM
 Visibility 12,000 yards, steady

6th Flot (4) turns away to course 270
 Orama primary magazine fire
 Orama primary guns damaged
 Sighted 3 funneled cruiser ----- 64N -17E, Crs 240, Spd 20 from Thetis
 Sighted 3 funneled cruiser ----- 64N -17E, Crs 240, Spd 20 from Thetis

another ----- 64N -16E, Crs 240, Spd 20

Visible to opposing side:

7th-Flot ---- 7th Flot (4)

Convoy ----- Convoy (6)

SG-II ----- Thetis

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama ----->	1	Novik -----	5,124		2	6th Flot (4)
6th Flot (4) ----->	1	Novik -----	5,365		3	6th Flot (4) downwind
7th Flot (4) ----->	1	Novik -----	7,744		2	
Thetis ----->	2	Bogatyr -----	8,742		2	Rurik class
Undine ----->	2	Bogatyr -----	11,034		2	Rurik class

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	78N -40E	040	18 12 10.4 18 18
6th-Flot ----	6th Flot (4)(3) -----	78N -41E	270	12 10 09.4 12 12
7th-Flot ----	7th Flot (4)(4) -----	71N -43E	140	12 10 09.4 12 12
Convoy -----	Convoy (6)(6) -----	76N -45E	180	10 10 10.0 10 10
SG-I -----	Prinz Adalbert -----	39N -27E	045	15 15 15.0 20 20
SG-II -----	Thetis -----	47N -25E	045	15 15 15.0 21 21
screen	Undine -----	41N -19E	045	15 15 15.0 21 --
Flot-IV -----	Flot IV (6)(6) -----	42N -24E	045	15 15 15.0 29 29
Div-I -----	Konig Albert -----	22N 10E	000	15 15 15.0 22 22
Div-II -----	Markgraf -----	18N 10E	000	15 15 15.0 22 22
AG-III -----	Kolberg -----	34N 10E	000	15 15 15.0 27 27
screen	Augsburg -----	34N 18E	000	15 15 15.0 27 --
screen	Coln -----	34N 02E	000	15 15 15.0 27 --
Flot-IX -----	Flot IX (6)(6) -----	26N 10E	000	15 15 15.0 33 33

Hits Heavy caliber Medium caliber

6th Flot (4) medium damage

=====

Turn 3 06:30 Hrs Real Time 02:39:07 PM

Visibility 12,000 yards, steady

Thetis primary magazine lost
 Thetis primary guns damaged
 Orama primary magazine lost
 Orama primary guns damaged

Visible to opposing side:

SG-I ----- Prinz Adalbert
 SG-I ----- Friedrich Karl
 SG-II ----- Undine
 Flot-IV ---- Flot IV (6)

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama ----->		Novik -----	929			
6th Flot (4) ----->	2	Azard Destroyer -----	4,767		2	Novik class
7th Flot (4) ----->	2	Azard Destroyer -----	7,412		2	Novik class
Prinz Adalbert ----->	1	Rurik -----	9,809		4	
Friedrich Karl ----->	1	Rurik -----	10,154		4	Prinz Adalbert 3 pts S
Thetis ----->	2	Bogatyr -----	5,995			Rurik class
Undine ----->	3	Bogatyr -----	9,533			Bogatyr class

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	82N -36E	040	18 15 14.2 18 18
6th-Flot ----	6th Flot (4)(3) -----	78N -45E	270	12 11 10.4 12 12
7th-Flot ----	7th Flot (4)(4) -----	69N -41E	140	12 11 10.4 12 12
Convoy -----	Convoy (6)(6) -----	73N -46E	200	10 10 10.0 10 10
SG-I -----	Prinz Adalbert -----	43N -30E	320	18 13 12.4 20 20
SG-II -----	Thetis -----	51N -21E	045	18 18 17.6 21 21
screen	Undine -----	45N -15E	045	18 18 17.6 21 --
Flot-IV -----	Flot IV (6)(6) -----	44N -29E	294	29 19 16.2 29 29
Div-I -----	Konig Albert -----	28N 10E	000	20 19 17.6 22 22
Div-II -----	Markgraf -----	24N 10E	000	20 19 17.6 22 22
AG-III -----	Kolberg -----	40N 10E	000	20 20 19.2 27 27
screen	Augsburg -----	40N 18E	000	20 20 19.2 27 --
screen	Coln -----	40N 02E	000	20 20 19.2 27 --
Flot-IX -----	Flot IX (6)(6) -----	32N 10E	000	20 20 19.2 33 33

Hits Heavy caliber Medium caliber

Orama medium damage

Thetis ----- 0 hit, 0 total 1 hit, 1 total

Turn 4 06:35 Hrs Real Time 02:58:37 PM
Visibility 12,000 yards, steady

Orama engine disabled

6th Flot (4) turns away to course 222

Sighted 3 destroyers ----- 62N -05E, Crs 240, Spd 20 from Thetis

Visible to opposing side:

AG-III ----- Coln

Table with columns: Firing Ship, Pos. Target class, Range yds, Arc, Con, Obstruction. Rows include Orama, 6th Flot (4), 7th Flot (4), Prinz Adalbert, Friedrich Karl, Thetis, Undine, and Coln.

Table with columns: Unit, Lead, screen, out of form., Pos (in.), Crs, Spd(ord/cur/avg /max/unit). Rows include Escort, 6th-Flot, 7th-Flot, Convoy, SG-I, SG-II, Flot-IV, Div-I, Div-II, AG-III, Flot-IX, and Hits.

Turn 5 06:40 Hrs Real Time 03:22:59 PM
Visibility 12,000 yards, steady

7th Flot (4) ELIMINATED, position 64N -39E

Sighted 4 destroyers ----- 69N -17E, Crs 240, Spd 20 from Thetis

Table with columns: Firing Ship, Pos. Target class, Range yds, Arc, Con, Obstruction. Rows include Orama, Convoy (6) under fire, Prinz Adalbert, Friedrich Karl, Thetis, Undine, Flot IV (6), and Coln.

Table with columns: Unit, Lead, screen, out of form., Pos (in.), Crs, Spd(ord/cur/avg /max/unit). Rows include Escort, Convoy, SG-I, SG-II, Flot-IV, Div-I, Div-II, AG-III, and screen.

Flot-IX ----- Flot IX (6)(6) ----- 46N 10E 000 20 20 20.0 33 33
 Hits Heavy caliber Medium caliber
 1 Rurik class ----- 0 hit, 0 total 4 hits, 4 total

=====
 Turn 6 06:45 Hrs Real Time 03:39:45 PM
 Visibility 12,000 yards, steady

Orama primary guns damaged
 Orama machinery damaged
 Orama primary magazine lost
 Orama primary guns damaged
 Convoy (6) turns away to course 322
 Sighted Gangut class DN ----- 43N 63E, Crs 270, Spd 20 from Orama
 Sighted Gangut class DN ----- 43N 62E, Crs 270, Spd 20 from Orama
 another ----- 43N 63E, Crs 270, Spd 20
 Sighted Gangut class DN ----- 43N 63E, Crs 270, Spd 20 from Orama

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction
Orama ----->	Novik -----	3,515			Azard Destroyer class
Convoy (6) under fire					
Prinz Adalbert ----->	1 Rurik -----	4,280	2	4	
Friedrich Karl ----->	1 Rurik -----	4,649	2	4	Prinz Adalbert 2 pts S
Thetis ----->	2 Bogatyr -----	5,962	4	2	Rurik class
Undine ----->	3 Bogatyr -----	8,237		2	Bogatyr class
Flot IV (6) ----->	2 Bogatyr -----	3,532			Rurik class
Coln ----->	Azard Destroyer -----	8,764			

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	44N 40E	180	15 15 14.6 15 15
Convoy -----	Convoy (6)(4) -----	36N 30E	322	10 06 09.2 10 10
SG-I -----	Prinz Adalbert -----	21N 35E	300	18 18 18.0 20 20
SG-II -----	Thetis -----	22N 43E	270	18 18 18.0 21 21
	2078 yds Undine -----	21N 48E	278	18 20 19.4 21 --
Flot-IV -----	Flot IV (6)(6) -----	23N 32E	300	18 18 18.0 29 29
Div-I -----	Konig Albert -----	11N 84E	270	20 16 15.6 22 22
Div-II -----	Markgraf -----	07N 84E	270	20 16 15.6 22 22
AG-III -----	Kolberg -----	21N 84E	240	20 20 18.2 27 27
	5612 yds Augsburg -----	24N 91E	267	20 23 20.6 27 --
	4285 yds Coln -----	18N 81E	178	20 22 19.6 27 --
Flot-IX -----	Flot IX (6)(6) -----	22N 90E	000	20 20 20.0 33 33

Hits Heavy caliber Medium caliber
 1 Rurik class ----- 0 hit, 0 total 6 hits, 10 total
 Convoy (6) medium damage
 Prinz Adalbert ----- 2 hits, 2 total
 Thetis ----- 0 hit, 0 total 3 hits, 4 total
 Thetis medium damage

=====
 Turn 7 06:50 Hrs Real Time 04:08:31 PM
 Visibility 12,000 yards, steady

Convoy (6) turns away to course 209
 Flot IV (6) turns away to course 167
 Visible to opposing side:
 Div-I ----- Konig Albert
 Div-I ----- Prinzregent Luitpold
 Div-I ----- Kaiserin
 Div-II ----- Markgraf
 Div-II ----- Grosser Kurfurst
 Div-II ----- Kronprinz
 AG-III ----- Kolberg
 AG-III ----- Augsburg

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction
Orama under fire					
Convoy (6) under fire					
Prinz Adalbert ----->	1 Rurik -----	2,457		4	
Friedrich Karl ----->	1 Rurik -----	2,725		4	
Thetis ----->	Azard Destroyer -----	5,731			

Undine -----> 3 Bogatyr ----- 7,074 2 Bogatyr class
 Flot IV (6) -----> 2 Bogatyr ----- 3,319 Rurik class downwind
 Kolberg -----> Azard Destroyer ----- 7,057 1 14
 Coln -----> Azard Destroyer ----- 7,688 14
 Friedrich Karl avoiding torpedoes (away)
 Friedrich Karl TORPEDOED
 Friedrich Karl maximum speed reduced by boiler room flooding
 Convoy (6) ELIMINATED, position 35N 30E

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort	Orama	39N 40E	180	15 15 15.0 15 15
Convoy	Convoy (6)(1)	35N 30E	209	10 08 06.4 00 --
SG-I	Prinz Adalbert	21N 30E	270	18 18 17.4 20 20
	indep. Friedrich Karl	20N 31E	196	18 17 17.4 00 --
SG-II	Thetis	22N 37E	270	20 19 18.6 21 21
	1723 yds Undine	21N 41E	274	18 21 20.4 21 --
Flot-IV	Flot IV (6)(3)	18N 30E	167	18 16 17.0 29 29
Div-I	Konig Albert	11N 78E	270	20 19 18.2 22 22
Div-II	Markgraf	07N 78E	270	20 19 18.2 22 22
AG-III	Kolberg	19N 79E	243	16 16 16.4 27 27
	3618 yds Augsburg	24N 83E	268	20 25 24.0 27 --
	screen Coln	11N 82E	243	20 23 24.0 27 --
Flot-IX	Flot IX (6)(6)	29N 90E	000	20 20 20.0 33 33

Hits Heavy caliber Medium caliber
 1 Rurik class ----- 0 hit, 0 total 15 hits, 25 total
 Prinz Adalbert ----- 2 hits, 4 total
 Friedrich Karl heavy damage
 Thetis ----- 0 hit, 0 total 1 hit, 5 total
 Flot IV (6) medium damage

=====
 Turn 8 06:55 Hrs Real Time 01:44:13 PM
 Visibility 12,000 yards, steady

Flot IV (6) turns away to course 134
 Thetis maximum speed reduced by flooding
 Orama 3 boilers damaged
 Thetis maximum speed reduced by flooding
 Orama primary magazine fire
 Orama primary guns damaged

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama under fire						
Prinz Adalbert ----->	1	Rurik -----	5,132	2	4	
Friedrich Karl ----->	1	Rurik -----	4,050	2	4	
Thetis ----->	2	Bogatyr -----	4,523		3	Rurik class
Undine ----->	3	Bogatyr -----	5,665			
Flot IV (6) ----->	2	Bogatyr -----	5,799			Rurik class downwind
Kolberg ----->		Azard Destroyer -----	5,612		15	
Augsburg ----->		Azard Destroyer -----	6,849	1	15	
Coln ----->		Azard Destroyer -----	8,374		15	Kaiserin

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort	Orama	34N 40E	180	14 14 14.6 14 14
SG-I	Prinz Adalbert	17N 25E	225	18 17 16.4 20 20
	dropped Friedrich Karl	20N 31E	196	00 00 -01.8 00 --
SG-II	Thetis	19N 32E	240	13 13 15.6 13 13
	667 yds Undine	20N 35E	255	18 21 21.0 21 --
Flot-IV	Flot IV (6)(3)	15N 32E	134	18 18 16.0 29 29
Div-I	Konig Albert	09N 72E	250	20 20 19.8 22 22
Div-II	Markgraf	05N 72E	250	20 20 19.8 22 22
AG-III	Kolberg	15N 74E	233	19 19 18.8 27 27
	2545 yds Augsburg	22N 75E	251	20 26 25.4 27 --
	screen Coln	09N 79E	233	19 19 19.0 27 --
Flot-IX	Flot IX (6)(6)	25N 84E	230	33 22 19.6 33 33

Hits Heavy caliber Medium caliber
 1 Rurik class ----- 0 hit, 0 total 6 hits, 31 total
 Orama heavy damage
 Orama all primary guns disabled
 Thetis ----- 0 hit, 0 total 1 hit, 6 total

Thetis heavy damage

Turn 9 06:60 Hrs Real Time 02:10:51 PM
Visibility 12,000 yards, steady

Friedrich Karl SINKS, position 20N 31E
Orama machinery damaged
Thetis primary guns damaged

Table with columns: Firing Ship, Pos. Target class, Range yds, Arc, Con, Obstruction. Rows include Orama under fire, Prinz Adalbert, Thetis, Undine, Kaiserin target hit probability low, Kolberg, Augsburg.

Table with columns: Unit, Lead, screen, out of form., Pos (in.), Crs, Spd(ord/cur/avg /max/unit). Rows include Escort, SG-I, SG-II, Flot-IV, Div-I, Div-II, AG-III, Flot-IX, Hits.

Turn 10 07:05 Hrs Real Time 02:45:51 PM
Visibility 12,000 yards, steady

Thetis maximum speed reduced by flooding
Thetis SINKS, position 18N 37E
Prinz Adalbert primary guns damaged

Table with columns: Firing Ship, Pos. Target class, Range yds, Arc, Con, Obstruction. Rows include Orama under fire, Prinz Adalbert, Undine, Flot IV (6) under fire, Augsburg.

Table with columns: Unit, Lead, screen, out of form., Pos (in.), Crs, Spd(ord/cur/avg /max/unit). Rows include Escort, SG-I, SG-II, Flot-IV, Div-I, Div-II, AG-III, Flot-IX, Hits.

Turn 11 07:10 Hrs Real Time 03:15:39 PM

Visibility 12,000 yards, steady

Prinz Adalbert machinery damaged
Prinz Adalbert 4 boilers damaged
Prinz Adalbert SINKS, position 29N 17E

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama under fire						
Undine ----->	Azard	Destroyer	6,662		2	downwind
Augsburg ----->	Azard	Destroyer	8,776		2	

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	44N 33E	340	14 14 14.0 14 14
SG-II -----	Undine -----	20N 52E	090	18 18 18.0 21 21
Flot-IV -----	Flot IV (6)(3) -----	09N 48E	270	20 15 22.8 29 29
Div-I -----	Konig Albert -----	09N 52E	270	20 20 20.0 22 22
Div-II -----	Markgraf -----	05N 52E	270	20 20 20.0 22 22
AG-III -----	Kolberg -----	10N 55E	260	20 20 20.0 27 27
screen	Augsburg -----	18N 54E	260	20 20 20.0 27 --
screen	Coln -----	02N 56E	260	20 20 20.0 27 --
Flot-IX -----	Flot IX (6)(6) -----	14N 57E	255	33 32 32.0 33 33
Hits				
3 Bogatyr class -----		0 hit, 0 total		1 hit, 3 total

Turn 12 07:15 Hrs Real Time 01:02:00 PM
Visibility 12,000 yards, steady

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama under fire						
Undine under fire						
Konig Albert ----->	1 Gangut -----		11,327	8		
Prinzregent Luitpold ----->	2 Gangut -----		11,610	8		Gangut class
Kaiserin ----->	3 Gangut -----		11,835	8		Gangut class
Augsburg ----->	Azard Destroyer -----		9,405		2	

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	48N 31E	340	14 14 14.0 14 14
SG-II -----	Undine -----	14N 52E	180	21 17 14.8 21 21
Flot-IV -----	Flot IV (6)(3) -----	12N 52E	056	29 19 16.2 29 29
Div-I -----	Konig Albert -----	14N 52E	000	18 15 14.6 22 22
Div-II -----	Markgraf -----	10N 52E	000	18 15 14.6 22 22
AG-III -----	Kolberg -----	16N 53E	345	20 20 18.2 27 27
1156 yds	Augsburg -----	18N 54E	075	20 16 17.6 27 --
2663 yds	Coln -----	09N 55E	347	20 22 19.6 27 --
Flot-IX -----	Flot IX (6)(6) -----	16N 55E	000	12 12 17.6 33 33
Hits				
		Heavy caliber		Medium caliber

Turn 13 07:20 Hrs Real Time 01:24:34 PM
Visibility 12,000 yards, steady

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama under fire						
Konig Albert ----->	1 Gangut -----		9,483	8	2	
Prinzregent Luitpold ----->	2 Gangut -----		10,000	8	2	Gangut class
Kaiserin ----->	3 Gangut -----		10,221	8		
Markgraf ----->	4 Gangut -----		10,787			Gangut class
Grosser Kurfurst ----->	1 Gangut -----		11,144		2	
Kronprinz ----->	2 Gangut -----		11,225		2	Gangut class
Kolberg under fire						

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	53N 30E	340	14 14 14.0 14 14
SG-II -----	Undine -----	16N 53E	351	15 14 14.6 21 21
Flot-IV -----	Flot IV (6)(3) -----	19N 55E	000	18 18 19.0 29 29
Div-I -----	Konig Albert -----	20N 52E	000	18 18 17.4 22 22
Div-II -----	Markgraf -----	16N 52E	000	18 18 17.4 22 22

AG-III ----- Kolberg -----	21N 53E	351	15	15	15.6	27	27
703 yds Augsburg -----	19N 53E	350	15	15	13.0	27	--
1193 yds Coln -----	17N 53E	349	20	25	24.4	27	--
Flot-IX ----- Flot IX (6)(6) -----	23N 55E	000	18	18	15.6	33	33

Hits	Heavy caliber	Medium caliber
1 Gangut class -----	2 hits, 2 total	
2 Gangut class -----	1 hit, 1 total	
4 Gangut class -----	3 hits, 3 total	
Konig Albert -----	4 hits, 4 total	
Prinzregent Luitpold -----	2 hits, 2 total	

=====
Turn 14 07:25 Hrs Real Time 01:38:19 PM
Visibility 12,000 yards, steady

Markgraf machinery damaged
Markgraf primary guns damaged
Flot IX (6) launches torpedoes and turns to east
Kaiserin machinery damaged
Visible to opposing side:
Flot-IX ----- Flot IX (6)

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama under fire						
Konig Albert ----->	1	Gangut -----	8,564		2	Augsburg
Prinzregent Luitpold ----->	2	Gangut -----	8,633		2	Konig Albert 2 pts P
Kaiserin ----->	3	Gangut -----	8,733			Prinzregent Luitpold 2 pts P
Markgraf ----->	4	Gangut -----	9,801			Kaiserin
Grosser Kurfurst ----->	1	Gangut -----	9,424		2	Undine
Kronprinz ----->	2	Gangut -----	9,597		2	
Kolberg ----->		Azard Destroyer -----	9,411		4	Flot IX (6)
Augsburg ----->		Azard Destroyer -----	9,369		4	Kolberg 2 pts P
Coln ----->		Azard Destroyer -----	9,355		4	Augsburg 2 pts P
Flot IX (6) ----->		Azard Destroyer -----	9,219			

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	57N 28E	340	14 14 14.0 14 14
SG-II -----	Undine -----	22N 53E	043	18 17 16.2 21 21
Flot-IV -----	Flot IV (6)(3) -----	22N 59E	030	18 18 17.6 29 29
Div-I -----	Konig Albert -----	24N 56E	040	18 18 17.4 22 21
Div-II -----	Markgraf -----	21N 55E	030	18 18 17.8 21 21
AG-III -----	Kolberg -----	26N 57E	043	18 18 17.4 27 27
Flot-IX -----	Flot IX (6) reform -----	26N 57E	102	18 13 17.0 33 33

Hits	Heavy caliber	Medium caliber
1 Gangut class -----	14 hits, 16 total	
2 Gangut class -----	13 hits, 14 total	
3 Gangut class -----	1 hit, 1 total	
4 Gangut class -----	2 hits, 5 total	
Konig Albert -----	3 hits, 7 total	
Prinzregent Luitpold -----	3 hits, 5 total	
Prinzregent Luitpold medium damage		
Kaiserin -----	6 hits, 6 total	
Kaiserin medium damage		
Markgraf -----	5 hits, 5 total	

=====
Turn 15 07:30 Hrs Real Time 02:01:34 PM
Visibility 12,000 yards, steady

Orama machinery damaged
Gangut class SINKS
Gangut class SINKS

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction
Orama under fire						
Undine ----->		Azard Destroyer -----	6,751		8	
Konig Albert ----->	1	Rurik -----	10,962		2	Kolberg
Prinzregent Luitpold ----->	1	Gangut -----	8,380		2	Konig Albert 2 pts P
Kaiserin ----->	1	Gangut -----	8,268		2	Prinzregent Luitpold 2 pts P

Markgraf ----->	2 Gangut -----	8,665	2
Grosser Kurfurst ----->	2 Gangut -----	8,692	2 Undine
Kronprinz ----->	1 Rurik -----	11,771	2 Azard Destroyer class
Kolberg ----->	Azard Destroyer -----	6,872	8
Augsburg ----->	Azard Destroyer -----	6,774	8 Kolberg 2 pts P
Coln ----->	Azard Destroyer -----	6,713	8 Augsburg 2 pts P
Flot IX (6) ----->	Azard Destroyer -----	8,185	7

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
Escort -----	Orama -----	61N 26E	340	13 13 13.4 13 13
SG-II -----	Undine -----	27N 57E	042	18 18 17.0 21 21
Flot-IV -----	Flot IV (6)(3) -----	27N 62E	030	17 17 17.2 29 29
Div-I -----	Konig Albert -----	29N 60E	040	19 19 18.8 22 21
Div-II -----	Markgraf -----	26N 58E	030	17 17 17.0 21 21
AG-III -----	Kolberg -----	30N 61E	042	18 18 18.0 27 27
Flot-IX -----	Flot IX (6) reform -----	29N 63E	040	19 19 17.4 33 33

Hits	Heavy caliber	Medium caliber
1 Gangut class -----	4 hits, 5 total	
2 Gangut class -----	4 hits, 9 total	
Konig Albert -----	1 hit, 8 total	
Kaiserin -----	2 hits, 8 total	
Markgraf -----	5 hits, 10 total	
Markgraf medium damage		