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Turn/Impulse 1/ 1          Sim Time 6 min          Real Time 12:51:14 PM
Turn/Impulse 1/ 2          Sim Time 7 min          Real Time 12:51:23 PM
Turn/Impulse 1/ 3          Sim Time 8 min          Real Time 12:51:34 PM
Turn/Impulse 1/ 4          Sim Time 9 min          Real Time 12:51:44 PM
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```
    Rurik to Blucher, 12067 yards, secondary
      1 hit
      Blucher loses 5 floatation
Turn/Impulse 1/ 5          Sim Time 10 min         Real Time 12:51:53 PM
    Blucher to Rurik, 11647 yards, secondary
      1 hit
    Bogatyr to Kaiser Wilhelm II, 15823 yards, obstructed by RU 2
      1 hit
      Kaiser Wilhelm II loses 1 floatation
    RU 1 to Half Flotille III, 13992 yards
      1 hit
      Half Flotille III takes damage
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=====
Turn/Impulse 2/ 1          Sim Time 11 min         Real Time 01:07:20 PM
    Imperator Pavel I to Braunschweig, 12359 yards, secondary, obstructed by smoke from Rurik
      1 hit
      Braunschweig loses 1 floatation
    Pallada to Elsass, 14941 yards, secondary, obstructed by smoke from Tsesarevich
      1 hit
      Elsass loses 2 floatation
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Turn/Impulse 2/ 2          Sim Time 12 min         Real Time 01:07:32 PM
    Half Flotille IV to RU 2, 11264 yards
      1 hit
      RU 2 takes damage
    Bogatyr to Kaiser Wilhelm II, 15120 yards, obstructed by RU 2
      1 hit
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Turn/Impulse 2/ 3          Sim Time 13 min         Real Time 01:07:43 PM
Turn/Impulse 2/ 4          Sim Time 14 min         Real Time 01:07:54 PM
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    Kaiser Friedrich III to Admiral Makarov, 14191 yards, secondary, obstructed by Elsass
      1 hit
      Admiral Makarov loses 1 floatation
    Imperator Pavel I to Braunschweig, 11270 yards, secondary
      2 hits
      Braunschweig loses 1 floatation
    Pallada to Elsass, 13851 yards, secondary, obstructed by smoke from Tsesarevich
      1 hit
      Elsass loses 1 floatation
```

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    RU 2 to Half Flotille IV, 7472 yards
      1 hit
      Half Flotille IV takes damage
    Half Flotille III launches torpedoes
    Half Flotille IV launches torpedoes
```

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Turn/Impulse 2/ 5          Sim Time 15 min         Real Time 01:08:54 PM
    Blucher to Rurik, 9664 yards, obstructed by smoke from Half Flotille IV
      1 hit
      Rurik loses 2 floatation
    Wittelsbach to Andrei Pervozvanni, 11248 yards, obstructed by Braunschweig
      1 hit
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```
    Rurik to Blucher, 9664 yards, obstructed by smoke from Half Flotille IV
      1 hit
      Blucher loses 2 floatation
    Andrei Pervozvanni to Wittelsbach, 11248 yards
      1 hit
      Wittelsbach loses 1 secondary gun
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=====
Turn/Impulse 3/ 1          Sim Time 16 min         Real Time 01:36:41 PM
    Blucher to Rurik, 9273 yards, secondary, obstructed by smoke from Half Flotille III
      1 hit
      Rurik loses 2 floatation
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    Braunschweig to Imperator Pavel I, 10546 yards, obstructed by smoke from Half Flotille IV
      1 hit
      Imperator Pavel I loses 2 floatation
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Magdeburg to RU 1, 5962 yards, 2 guns in arc  
   1 hit  
   RU 1 takes damage  
 Tsesarevich to Zahringen, 11565 yards, secondary  
   1 hit  
   Zahringen loses 2 floatation  
 Gromoboi to Schwaben, 12675 yards, secondary, obstructed by smoke from Slava  
   1 hit  
   Schwaben loses 2 floatation  
 Rossia to Kaiser Barbarossa, 14146 yards, secondary, obstructed by RU 3  
   1 hit  
   Kaiser Barbarossa loses 1 floatation  
 RU 1 launches torpedoes  
 RU 3 launches torpedoes  
 Turn/Impulse 3/ 2                      Sim Time 17 min                      Real Time 01:37:18 PM  
   Blucher to Rurik, 9755 yards, obstructed by smoke from Half Flotille III  
     1 hit  
     Rurik loses 1 floatation  
   Blucher to Rurik, 9755 yards, secondary, obstructed by smoke from Half Flotille III  
     1 hit  
   Luebeck to RU 3, 8321 yards, 1 guns in arc, obstructed by smoke from RU 3  
     1 hit  
     RU 3 takes damage  
 RU 2 launches torpedoes  
 Turn/Impulse 3/ 3                      Sim Time 18 min                      Real Time 01:37:57 PM  
   Blucher to Rurik, 10236 yards, secondary  
     1 hit  
     Rurik loses 1 floatation  
   Schwaben to Gromoboi, 13394 yards, secondary, obstructed by Zahringen  
     1 hit  
     Gromoboi loses 1 floatation  
   Magdeburg to RU 1, 7049 yards, 8 guns in arc, obstructed by smoke from RU 1  
     1 hit  
     RU 1 takes damage  
   Oleg to Magdeburg, 10328 yards  
     1 hit  
     Magdeburg loses 2 floatation  
   Aurora to Undine, 11759 yards  
     1 hit  
     Undine loses 1 guns  
 Turn/Impulse 3/ 4                      Sim Time 19 min                      Real Time 01:38:08 PM  
   Braunschweig to Emperor Pavel I, 11994 yards, obstructed by smoke from Blucher  
     1 hit  
     Emperor Pavel I loses 10 floatation  
   Braunschweig to Emperor Pavel I, 11994 yards, secondary, obstructed by smoke from Blucher  
     1 hit  
     Emperor Pavel I loses 2 floatation  
   Rurik to Blucher, 10718 yards  
     1 hit  
   Imperator Pavel I to Braunschweig, 11994 yards, obstructed by smoke from Blucher  
     1 hit  
     Braunschweig loses 2 floatation  
   Gromoboi to Schwaben, 13755 yards, obstructed by smoke from Slava  
     1 hit  
     Schwaben loses 1 floatation  
   Bogatyr to Kaiser Wilhelm II, 12795 yards, obstructed by RU 1  
     1 hit  
     Kaiser Wilhelm II loses 2 floatation  
   Aurora to Undine, 10849 yards  
     1 hit  
     Undine loses 1 floatation  
 Turn/Impulse 3/ 5                      Sim Time 20 min                      Real Time 01:38:19 PM  
   Elsass to Pallada, 15657 yards, secondary, obstructed by Gromoboi  
     1 hit  
     Pallada loses 3 floatation  
     Pallada maximum speed reduced  
   Gazelle to RU 2, 7640 yards, 6 guns in arc, obstructed by Magdeburg  
     1 hit  
     RU 2 takes damage  
   Gromoboi to Schwaben, 14119 yards, secondary, obstructed by smoke from Slava

2 hits  
Schwaben loses 1 floatation

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Turn/Impulse 4/ 1          Sim Time 21 min          Real Time 02:02:37 PM
  Blucher to Rurik, 11681 yards
    1 hit
    Rurik loses 2 floatation
  Andrei Pervozvanni to Wittelsbach, 13040 yards, secondary, obstructed by Emperor Pavel I
    1 hit
    Wittelsbach loses 1 floatation
  Gromoboi to Schwaben, 14828 yards, secondary, obstructed by smoke from Tsesarevich
    1 hit
    Schwaben loses 1 floatation
Turn/Impulse 4/ 2          Sim Time 22 min          Real Time 02:02:48 PM
  Luebeck to Aurora, 9503 yards, obstructed by Undine
    1 hit
    Aurora loses 2 floatation
  Thetis to Aurora, 9820 yards, obstructed by Luebeck
    1 hit
    Aurora loses 2 floatation
  Emperor Pavel I to Braunschweig, 12962 yards, secondary
    1 hit
    Braunschweig loses 1 floatation
Turn/Impulse 4/ 3          Sim Time 23 min          Real Time 02:02:59 PM
  Andrei Pervozvanni to Wittelsbach, 13710 yards, secondary, obstructed by Braunschweig
    1 hit
    Wittelsbach loses 4 floatation
    Wittelsbach maximum speed reduced
  Aurora to Undine, 8812 yards
    1 hit
    Undine loses 1 floatation
    Undine loses 1 guns
Turn/Impulse 4/ 4          Sim Time 24 min          Real Time 02:03:09 PM
  Rurik to Blucher, 11682 yards, 2 guns in arc
    1 hit
    Blucher loses 1 floatation
  Emperor Pavel I to Braunschweig, 13021 yards, secondary
    1 hit
    Braunschweig loses 1 floatation
  Aurora to Undine, 9991 yards, obstructed by smoke from Thetis
    1 hit
    Undine loses 1 floatation
Turn/Impulse 4/ 5          Sim Time 25 min          Real Time 02:03:19 PM
  Blucher to Rurik, 11722 yards, secondary, obstructed by smoke from Rurik
    1 hit
    Rurik loses 1 floatation
  Rurik to Blucher, 11722 yards, secondary
    1 hit
    Blucher loses 2 floatation
  Slava to Wettin, 14566 yards, 2 guns in arc, obstructed by Wittelsbach
    1 hit
    Wettin loses 16 floatation
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Turn/Impulse 5/ 1          Sim Time 26 min          Real Time 02:18:31 PM
  Emperor Pavel I to Braunschweig, 13151 yards, secondary
    1 hit
    Braunschweig loses 6 floatation
  Andrei Pervozvanni to Wittelsbach, 13900 yards, secondary, obstructed by Braunschweig
    1 hit
    Wittelsbach loses 1 floatation
Turn/Impulse 5/ 2          Sim Time 27 min          Real Time 02:18:41 PM
  Blucher to Rurik, 11452 yards, secondary
    2 hits
    Rurik loses 2 floatation
  Diana to Gazelle, 11600 yards, obstructed by Magdeburg
    1 hit
    Gazelle loses 2 floatation
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Gazelle loses 1 guns  
RU 1's torpedoes approach Blucher  
RU 1's torpedoes approach Wittelsbach  
Wittelsbach torpedoed  
Wittelsbach loses 38 floatation  
RU 1's torpedoes approach Wettin  
RU 1's torpedoes approach Zahringen  
Zahringen torpedoed  
Zahringen loses 38 floatation  
Zahringen maximum speed reduced (flooding)  
RU 3's torpedoes approach Wittelsbach  
Wittelsbach torpedoed  
Wittelsbach loses 50 floatation  
Wittelsbach maximum speed reduced (flooding)  
RU 3's torpedoes approach Wettin  
RU 3's torpedoes approach Zahringen  
Zahringen torpedoed  
Zahringen loses 57 floatation  
RU 3's torpedoes approach Schwaben  
RU 3's torpedoes approach Elsass  
RU 3's torpedoes approach Kaiser Friedrich III  
RU 3's torpedoes approach Kaiser Wilhelm der Grosse  
RU 3's torpedoes approach Kaiser Barbarossa  
RU 3's torpedoes approach Kaiser Wilhelm II  
Turn/Impulse 5/ 3                      Sim Time 28 min                      Real Time 02:18:51 PM

Rurik to Blucher, 11166 yards  
1 hit  
Blucher loses 1 floatation  
Slava to Wettin, 14613 yards, 2 guns in arc, obstructed by Wittelsbach  
1 hit  
Wettin loses 15 floatation  
RU 2's torpedoes approach Blucher  
Wittelsbach propulsion reduced by flooding  
Zahringen propulsion reduced by flooding  
Turn/Impulse 5/ 4                      Sim Time 29 min                      Real Time 02:19:01 PM

Diana to Gazelle, 10482 yards  
1 hit  
Gazelle loses 3 floatation  
Turn/Impulse 5/ 5                      Sim Time 30 min                      Real Time 02:19:11 PM  
Braunschweig to Emperor Pavel I, 12145 yards, secondary  
1 hit  
Emperor Pavel I loses 1 floatation  
Emperor Pavel I to Braunschweig, 12145 yards  
1 hit  
Braunschweig loses 20 floatation  
Braunschweig loses 1 secondary guns  
Pallada to Elsass, 13847 yards, secondary  
1 hit  
Elsass loses 1 floatation

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Turn/Impulse 6/ 1                      Sim Time 31 min                      Real Time 02:59:12 PM

Wettin to Slava, 12249 yards, 2 guns in arc  
1 hit  
Slava loses 2 floatation  
Slava to Wettin, 12249 yards  
1 hit  
Pallada to Elsass, 13296 yards, secondary  
1 hit  
Turn/Impulse 6/ 2                      Sim Time 32 min                      Real Time 02:59:24 PM  
Wettin to Slava, 12027 yards, secondary, obstructed by Rurik  
1 hit  
Slava loses 2 floatation  
Gromoboi to Schwaben, 14808 yards, secondary, obstructed by smoke from Half Flotille IV  
1 hit  
Schwaben loses 3 floatation  
Magdeburg launches torpedoes

Turn/Impulse 6/ 3                      Sim Time 33 min                      Real Time 02:59:41 PM  
Kaiser Wilhelm II to Rossia, 14114 yards, secondary, obstructed by Kaiser Barbarossa  
1 hit

Rossia loses torpedo mount (prob = 1%)  
 Emperor Pavel I to Braunschweig, 12471 yards, secondary  
 1 hit  
 Braunschweig loses 1 floatation  
 Gazelle launches torpedoes  
 Turn/Impulse 6/ 4                      Sim Time 34 min                      Real Time 03:00:02 PM  
 Blucher to Emperor Pavel I, 13284 yards, obstructed by Rurik  
 1 hit  
 Emperor Pavel I loses 4 floatation  
 Emperor Pavel I loses 2 secondary guns  
 Wettin to Slava, 12075 yards, secondary, obstructed by smoke from Rurik  
 1 hit  
 Slava loses 2 floatation  
 Bayan to Kaiser Wilhelm der Grosse, 13253 yards, obstructed by Half Flotille IV  
 1 hit  
 Kaiser Wilhelm der Grosse loses 5 floatation  
 Undine launches torpedoes  
 Turn/Impulse 6/ 5                      Sim Time 35 min                      Real Time 03:00:29 PM  
 Wettin to Slava, 12366 yards, secondary  
 1 hit  
 Slava loses 2 floatation  
 Undine to RU 2, 6327 yards, 5 guns in arc, obstructed by Magdeburg  
 1 hit  
 RU 2 takes damage  
 Half Flotille III to RU 1, 7162 yards  
 1 hit  
 RU 1 takes damage  
 Tsesarevich to Schwaben, 12011 yards  
 1 hit  
 Schwaben loses 13 floatation  
 Luebeck launches torpedoes  
 Thetis launches torpedoes

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Turn/Impulse 7/ 1                      Sim Time 36 min                      Real Time 03:25:00 PM  
 Elsass to Gromoboi, 14244 yards, obstructed by Half Flotille IV  
 1 hit  
 Gromoboi loses 8 floatation  
 Gromoboi loses 1 secondary guns  
 Turn/Impulse 7/ 2                      Sim Time 37 min                      Real Time 03:25:13 PM  
 Andrei Pervozvanni to Braunschweig, 14007 yards, secondary, obstructed by smoke from Rurik  
 1 hit  
 Braunschweig loses 1 floatation  
 Gromoboi to Schwaben, 15478 yards, secondary, obstructed by smoke from Schwaben  
 1 hit  
 Schwaben loses 1 floatation  
 Bogatyr to Half Flotille III, 4354 yards, 8 guns in arc, obstructed by RU 3  
 1 hit  
 Half Flotille III takes damage  
 RU 1 to Half Flotille III, 3751 yards, obstructed by Half Flotille IV  
 1 hit  
 Half Flotille III takes damage  
 RU 3 to Half Flotille III, 3605 yards  
 1 hit  
 Half Flotille III takes damage  
 Turn/Impulse 7/ 3                      Sim Time 38 min                      Real Time 03:25:26 PM  
 Undine to RU 2, 1956 yards, 1 guns in arc  
 2 hits  
 RU 2 takes damage  
 Thetis to RU 3, 5143 yards, 1 guns in arc, obstructed by Luebeck  
 1 hit  
 RU 3 takes damage  
 RU 1 to Half Flotille III, 2687 yards, obstructed by smoke from Half Flotille IV  
 1 hit  
 Half Flotille III takes damage  
 Turn/Impulse 7/ 4                      Sim Time 39 min                      Real Time 03:25:37 PM  
 Gazelle to RU 2, 2224 yards, 6 guns in arc  
 1 hit  
 RU 2 takes damage  
 Undine to RU 2, 1990 yards, 6 guns in arc

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1 hit
RU 2 takes damage
Aurora to Half Flotille IV, 810 yards, 5 guns in arc
1 hit
Half Flotille IV takes damage
RU 1 launches torpedoes
RU 2 launches torpedoes
RU 3 launches torpedoes
Turn/Impulse 7/ 5          Sim Time 40 min          Real Time 03:25:58 PM
Schwaben to Tsesarevich, 14621 yards, secondary, obstructed by smoke from Tsesarevich
1 hit
Tsesarevich loses 2 floatation
Kaiser Barbarossa to Bayan, 14926 yards, obstructed by Kaiser Wilhelm der Grosse
1 hit
Gazelle to RU 2, 2102 yards, 6 guns in arc
2 hits
RU 2 takes damage
Thetis to RU 3, 4386 yards, 6 guns in arc, obstructed by Luebeck
1 hit
RU 3 takes damage
Half Flotille IV to RU 2, 4181 yards, obstructed by smoke from Oleg
1 hit
RU 2 takes damage
Aurora to Half Flotille IV, 1256 yards, 1 guns in arc, downwind
1 hit
Half Flotille IV takes damage
RU 3 to Half Flotille III, 1770 yards
1 hit
Half Flotille III takes damage

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Turn/Impulse 8/ 1          Sim Time 41 min          Real Time 03:50:36 PM
Gazelle to RU 2, 2069 yards, 6 guns in arc
2 hits
RU 2 takes damage
Aurora to Half Flotille IV, 2771 yards, 1 guns in arc, downwind , obstructed by smoke from Half
Flotille IV
1 hit
Half Flotille IV takes damage
Turn/Impulse 8/ 2          Sim Time 42 min          Real Time 03:50:59 PM
Magdeburg to RU 1, 2859 yards, 8 guns in arc
3 hits
RU 1 takes damage
Luebeck to RU 3, 5066 yards, 6 guns in arc, obstructed by Undine
1 hit
RU 3 takes damage
Thetis to RU 3, 5304 yards, 6 guns in arc, obstructed by Luebeck
1 hit
RU 3 takes damage
Half Flotille IV to RU 2, 4159 yards
1 hit
RU 2 takes damage
Bayan to Kaiser Wilhelm der Grosse, 15603 yards, secondary, obstructed by Half Flotille IV
1 hit
Kaiser Wilhelm der Grosse loses 2 floatation
Diana to Half Flotille IV, 4876 yards, 1 guns in arc, downwind , obstructed by Aurora
1 hit
Half Flotille IV takes damage
RU 3 to Half Flotille III, 1515 yards
2 hits
Half Flotille III takes damage
Turn/Impulse 8/ 3          Sim Time 43 min          Real Time 03:51:21 PM
Schwaben to Tsesarevich, 16201 yards, obstructed by smoke from Tsesarevich
1 hit
Tsesarevich loses 1 floatation
Luebeck to RU 3, 5520 yards, 6 guns in arc, obstructed by Undine
1 hit
RU 3 takes damage
Turn/Impulse 8/ 4          Sim Time 44 min          Real Time 03:51:40 PM
Magdeburg to RU 1, 2904 yards, 6 guns in arc

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4 hits  
RU 1 takes damage  
Gazelle to RU 2, 1951 yards, 5 guns in arc, obstructed by Magdeburg  
1 hit  
RU 2 takes damage  
Undine to RU 2, 2411 yards, 5 guns in arc, obstructed by Magdeburg  
1 hit  
RU 2 takes damage  
Half Flotille III to RU 1, 2571 yards  
1 hit  
RU 1 takes damage  
Rurik to Half Flotille III, 4932 yards, tertiary  
1 hit  
Half Flotille III takes damage  
Turn/Impulse 8/ 5                      Sim Time 45 min                      Real Time 03:52:00 PM  
Gazelle to RU 2, 2128 yards, 1 guns in arc, obstructed by Magdeburg  
2 hits  
RU 2 takes damage  
Thetis to RU 3, 6548 yards, 5 guns in arc, obstructed by Luebeck  
1 hit  
RU 3 takes damage  
Half Flotille IV to RU 2, 4144 yards  
1 hit  
RU 2 takes damage  
Andrei Pervozvanni to Half Flotille III, 5239 yards, tertiary  
2 hits  
Half Flotille III takes damage