10:01 Hrs

10:05 Hrs 10:05 Hrs

Scenario: May 27, 1918 09:30 Hrs Cape Shoppek 1918 Russia vs Japan Dawn 04:10 Hrs Sunrise 05:19 Hrs 19:28 Hrs Sunset Nightfall 20:37 Hrs Initial conditions Wind SW at 20 knots, seastate 4 Visibility 20,000 yards, steady Side 1, Russia Force 1, Pacific Fleet Side 2, Japan (AI controlled) Force 4, Combined Fleet Russia Japan (AI) DN Orel (F) 1st Bde J-1stDiv DN Kaga (F) DN Slava DN Tosa DN Nagato DN Tsessarevitch DN Suvorow DN Mutsu 2nd Bde DN Borodino J-2ndDiv DN Hyuga DN Navarin DN Ise DN Ismail DN Yamashiro DN Kinburn DN Fuso CL Adm. Nakhimov 1stScout J-4thDiv CL Tenryu CL Adm. Lazarev CL Tatsuta CL Adm. Kornilov CL Kuma 2ndScout CL Svetlana CL Tama DD 1st DD Division (4) CL Adm. Grieg J-DD1 CL Adm. Spiridov J-DD2 DD 2nd DD Division (4) DD 1st Flotilla (9) R-DD1 J-DD3 DD 3rd DD Division (4) R-DD2 DD 2nd Flotilla (9) J-DD4 DD 4th DD Division (4) Auxil CV Almaz VS A/C 8359 AC1 AC2 VS A/C 8360 09:30 Hrs Scenario start Pacific Fleet, course 180, speed 16 knots Combined Fleet, course 000, speed 16 knots Turn 1 Turn 2 09:36 Hrs Almaz stopped and launching floatplane A/C 8359 by crane Turn 3 Turn 4 Turn 5 Turn 6 Turn 7 10:01 Hrs Tenryu sights smoke [from Svetlana] bearing NNW, about 15 NM Svetlana sights smoke [from Tenryu] bearing SSE, about 15 NM

Tenryu sights smoke [from Adm. Grieg] bearing NW, about 15 NM

Tatsuta sent to investigate contact [Svetlana]

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Turn 8
10:06 Hrs
              Svetlana sights smoke [from Tatsuta] bearing SE, about 15 NM
10:08 Hrs
              Tenryu sights 3 funneled cruiser [Svetlana] bearing NNW, 9 NM
              Tenryu opens fire on Svetlana, range 19,000 yards
10:10 Hrs
      Turn 9
10:12 Hrs
              Tenryu sights smoke [from Adm. Spiridov] bearing WNW, about 15 NM
              Svetlana sights 3 funneled cruiser [Tenryu] bearing SSE, 8 NM
10:12 Hrs
10:12 Hrs
              Svetlana opens fire on Tenryu, range 17,100 yards
10:13 Hrs
              Tenryu sights 3 funneled cruiser [Adm. Grieg] bearing NW, 9 NM
10:14 Hrs
              Tatsuta opens fire on Svetlana, range 18,400 yards
10:15 Hrs
              Svetlana sights 3 funneled cruiser [Tatsuta] bearing SE, 8 NM
10:15 Hrs
              Adm. Grieg opens fire on Tenryu, range 17,750 yards
      Turn 10
              A/C 8359 sights smoke [from 1st DD Division] bearing E, about 15 NM
10:18 Hrs
              A/C 8359 sights smoke [from 3rd DD Division] bearing E, about 10 NM
10:18 Hrs
              A/C 8359 sights smoke [from J-1stDiv] bearing E, about 15 NM
10:19 Hrs
      Turn 11
10:21 Hrs
              Svetlana sights smoke [from Kuma] bearing E, about 15 NM
10:22 Hrs
              Tenryu sights smoke [from Almaz] bearing W, about 15 NM
10:22 Hrs
              A/C 8359 sights smoke [from J-2ndDiv] bearing E, about 10 NM
              A/C 8359 sights smoke [from 2nd DD Division] bearing E, about 15 NM
10:22 Hrs
              Tenryu turns away to SSE, making smoke due to medium damage
10:23 Hrs
              A/C 8359 sights DN [Kaga leading J-1stDiv] bearing ESE, 9 NM
10:25 Hrs
10:25 Hrs
              A/C 8359 sights DN [Tosa] bearing ESE, 9 NM
              A/C 8359 sights 4 destroyers [3rd DD Division] bearing ESE, 7 NM
10:25 Hrs
10:25 Hrs
              Tenryu machinery damaged by flooding
      Turn 12
10:26 Hrs
              A/C 8359 sights DN [Nagato] bearing ESE, 9 NM
10:26 Hrs
              A/C 8359 sights DN [Mutsu] bearing ESE, 9 NM
              Tenryu loses Y mount [1 guns lost]
10:26 Hrs
10:26 Hrs
              Tenryu maximum speed reduced by flooding
10:27 Hrs
              A/C 8359 sights 4 destroyers [1st DD Division] bearing ESE, 7 NM
10:27 Hrs
              Svetlana turns away to NNW due to proximity [to Tenryu]
10:27 Hrs
              Tenryu turns away to SSE due to proximity [to Svetlana]
10:27 Hrs
              Tenryu maximum speed reduced by flooding
10:28 Hrs
              Tenryu sights 3 funneled cruiser [Adm. Spiridov] bearing W, 9 NM
10:28 Hrs
              A/C 8359 sights DN [Hyuga leading J-2ndDiv] bearing ESE, 9 NM
10:29 Hrs
              A/C 8359 sights DN [Ise] bearing SE, 9 NM
10:29 Hrs
              A/C 8359 sights DN [Yamashiro] bearing SE, 9 NM
10:29 Hrs
              Tenryu maximum speed reduced by flooding
10:30 Hrs
              A/C 8359 sights DN [Fuso] bearing SE, 9 NM
10:30 Hrs
              Adm. Spiridov opens fire on Tenryu, range 17,100 yards
      Turn 13
              A/C 8359 sights 3 funneled cruiser [Kuma] bearing ENE, 7 NM
10:32 Hrs
              A/C 8359 sights smoke [from Tama] bearing ENE, about 10 NM
10:32 Hrs
10:33 Hrs
              Tenryu maximum speed reduced by flooding
10:34 Hrs
              Tenryu turns away to SW, making smoke due to medium damage
10:35 Hrs
              Kuma opens fire on Svetlana, range 19,350 yards
10:35 Hrs
              Tenryu loses power
10:35 Hrs
              Tenryu SINKS
10:35 Hrs
              Combined Fleet battleline closes up behind Kaga
10:35 Hrs
              J-1stDiv battleline lead unit, flagship Kaga, course 000
              J-2ndDiv stationed 1.7 NM starboard beam of Kaga
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Turn 14
10:36 Hrs
              Svetlana shifts fire to Tatsuta, range 15,700 yards
10:37 Hrs
              A/C 8359 sights 3 funneled cruiser [Tama] bearing E, 8 NM
10:38 Hrs
              Kuma sights aircraft [A/C 8359] bearing W, 2,000 yards
              Kaga opens fire on Adm. Grieg, range 19,600 yards
10:39 Hrs
10:39 Hrs
              Tosa opens fire on Adm. Grieg, range 19,600 yards
10:39 Hrs
              Nagato opens fire on Adm. Grieg, range 19,600 yards
              Mutsu opens fire on Adm. Grieg, range 19,700 yards
10:39 Hrs
10:40 Hrs
              J-4thDiv ordered to support Tatsuta
      Turn 15
10:42 Hrs
              Svetlana sights 3 destroyers [2nd DD Division] bearing SE, 7 NM
              Svetlana sights 4 destroyers [4th DD Division] bearing ESE, 7 NM
10:42 Hrs
10:42 Hrs
              Adm. Grieg loses 1 primary gun starboard
              Adm. Grieg opens fire on 3rd DD Division, range 14,650 yards
10:43 Hrs
10:43 Hrs
              Adm. Grieg maximum speed reduced by flooding
              Tama opens fire on Svetlana, range 18,350 yards
10:44 Hrs
10:45 Hrs
              3rd DD Division sights smoke [from 1stScout] bearing W, about 15 NM
10:45 Hrs
              Adm. Grieg loses 1 primary gun starboard
10:45 Hrs
              Kuma sent to investigate contact [Adm. Nakhimov]
      Turn 16
              Almaz stopped and launching floatplane A/C 8360 by crane
10:46 Hrs
10:46 Hrs
              Adm. Grieg SINKS
              Adm. Spiridov opens fire on 3rd DD Division, range 14,150 yards
10:47 Hrs
              Kaga shifts fire to Adm. Spiridov, range 17,150 yards
10:47 Hrs
10:47 Hrs
              Tosa shifts fire to Adm. Spiridov, range 17,300 yards
10:47 Hrs
              Mutsu shifts fire to Adm. Spiridov, range 17,700 yards
10:48 Hrs
              3rd DD Division sights smoke [from 2nd Flotilla] bearing W, about 15 NM
10:48 Hrs
              Nagato shifts fire to Adm. Spiridov, range 16,600 yards
10:48 Hrs
              Svetlana turns away to N, making smoke due to medium damage
10:49 Hrs
              Adm. Spiridov shifts fire to 1st DD Division, range 13,900 yards
10:50 Hrs
              Adm. Spiridov loses 1 primary gun starboard
              J-4thDiv ordered to support Tatsuta
10:50 Hrs
      Turn 17
10:52 Hrs
              3rd DD Division sights smoke [from 1st Flotilla] bearing W, about 15 NM
10:52 Hrs
              Svetlana turns away to NNE, making smoke due to medium damage
10:53 Hrs
              Svetlana maximum speed reduced by flooding
10:54 Hrs
              3rd DD Division sights 3 funneled cruiser [Adm. Nakhimov leading
1stScout] bearing WSW, 9 NM
10:54 Hrs
              Svetlana maximum speed reduced by flooding
10:54 Hrs
              Adm. Spiridov maximum speed reduced by flooding
10:55 Hrs
              Adm. Spiridov shifts fire to Kuma, range 10,750 yards
10:55 Hrs
              Svetlana uncontrolled flooding due to sea state
10:55 Hrs
              Svetlana maximum speed reduced by flooding
10:55 Hrs
              Combined Fleet battline sets new course 286
              J-1stDiv battleline lead unit, flagship Kaga, course 286
10:55 Hrs
              J-2ndDiv stationed 164 Relative from Kaga
10:55 Hrs
              Kuma sent to investigate contact [1st Flotilla (9)]
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Turn 18
10:56 Hrs
              3rd DD Division sights smoke [from Adm. Lazarev] bearing WSW, about 15 NM
10:56 Hrs
              Svetlana loses 1 primary gun aft
              Adm. Nakhimov turns away to N, making smoke due to heavy shells
10:56 Hrs
              Svetlana turns away to ENE, making smoke due to medium damage
10:56 Hrs
10:56 Hrs
              Svetlana maximum speed reduced by flooding
10:57 Hrs
              3rd DD Division sights smoke [from 1st Bde] bearing W, about 10 NM
10:57 Hrs
              Adm. Spiridov primary magazine lost
10:57 Hrs
              Adm. Spiridov loses 4 primary guns port loses 4 primary guns starboard
              Mutsu opens fire on Adm. Nakhimov, range 19,900 yards
10:57 Hrs
10:57 Hrs
              Adm. Spiridov turns away to NW, making smoke due to heavy shells [from
Nagato]
10:57 Hrs
              Svetlana capsizes
10:57 Hrs
              Svetlana SINKS
              Adm. Spiridov SINKS
10:57 Hrs
              Adm. Nakhimov opens fire on Kuma, range 17,100 yards
10:58 Hrs
              Kuma shifts fire to Adm. Nakhimov, range 17,100 yards
10:58 Hrs
10:59 Hrs
              Kuma sights smoke [from 2nd Bde] bearing W, about 10 NM
10:59 Hrs
              Kuma sights 9 destroyers [2nd Flotilla] bearing W, 7 NM
              Adm. Nakhimov turns away to ENE, making smoke due to heavy shells
11:00 Hrs
11:00 Hrs
              J-4thDiv ordered to support Kuma
      Turn 19
              Kuma sights 3 funneled cruiser [Adm. Lazarev] bearing WSW, 9 NM
11:01 Hrs
11:01 Hrs
              Kuma sights 9 destroyers [1st Flotilla] bearing WSW, 7 NM
              Kaga opens fire on 2nd Flotilla, range 15,300 yards
11:01 Hrs
11:01 Hrs
              2nd Flotilla turns away to N, making smoke due to heavy shells
11:02 Hrs
              Kuma sights Orel class DN [Orel leading 1st Bde] bearing W, 9 NM
              Kaga sights aircraft [A/C 8360] bearing WSW, 2,000 yards
11:02 Hrs
11:03 Hrs
              Kuma sights Orel class DN [Slava] bearing W, 9 NM
              3rd DD Division sights Orel class DN [Tsessarevitch] bearing W, 9 NM
11:03 Hrs
11:03 Hrs
              3rd DD Division sights smoke [from Adm. Kornilov] bearing WSW, about 15
              3rd DD Division sights Orel class DN [Suvorow] bearing W, 9 NM
11:04 Hrs
11:04 Hrs
              Adm. Nakhimov turns away to WNW, making smoke due to heavy shells [from
Mutsul
11:05 Hrs
              1st DD Division sights Ismail class DN [Borodino leading 2nd Bde] bearing
W, 9 NM
11:05 Hrs
              3rd DD Division sights Ismail class DN [Navarin] bearing W, 9 NM
11:05 Hrs
              Orel opens fire on Kaga, range 19,500 yards
11:05 Hrs
              Adm. Lazarev opens fire on Kuma, range 17,150 yards
11:05 Hrs
              Kaga shifts fire to Orel, range 19,500 yards
11:05 Hrs
              Tosa opens fire on 1st Flotilla, range 14,350 yards
11:05 Hrs
              Nagato opens fire on 1st Flotilla, range 15,300 yards
11:05 Hrs
              1st Flotilla turns away to NNE, making smoke due to heavy shells
11:05 Hrs
              Combined Fleet deploys on J-1stDiv column, Kaga leading battleline,
              course 332 based on enemy bearing
11:05 Hrs
              J-4thDiv stationed on Kaga, 3 NM ahead
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Turn 20
11:06 Hrs
              Almaz stopped and recovering A/C 8359 by crane
11:06 Hrs
              3rd DD Division sights Ismail class DN [Ismail] bearing WSW, 9 NM
11:06 Hrs
              Slava opens fire on Kaga, range 18,850 yards
              Tsessarevitch opens fire on Kaga, range 19,200 yards
11:06 Hrs
11:06 Hrs
              Suvorow opens fire on Kaga, range 19,550 yards
11:07 Hrs
              3rd DD Division sights Ismail class DN [Kinburn] bearing W, 9 NM
11:07 Hrs
              Borodino opens fire on Kaga, range 19,350 yards
11:08 Hrs
              Navarin opens fire on Kaga, range 19,150 yards
11:08 Hrs
              Hyuga opens fire on Orel, range 19,450 yards
11:09 Hrs
              Ismail opens fire on Kaga, range 18,900 yards
11:09 Hrs
              Mutsu opens fire on Orel, range 18,100 yards
11:09 Hrs
              1st Flotilla turns away to WSW, making smoke due to heavy shells [from
Tosa1
11:10 Hrs
              Kaga sights 3 funneled cruiser [Adm. Kornilov] bearing WSW, 9 NM
              Slava shifts fire to Tosa, range 16,050 yards
11:10 Hrs
              Borodino shifts fire to Nagato, range 18,200 yards
11:10 Hrs
11:10 Hrs
              Kinburn opens fire on Kaga, range 18,950 yards
11:10 Hrs
              Nagato shifts fire to Orel, range 15,950 yards
              Hyuga shifts fire to Slava, range 17,700 yards
11:10 Hrs
11:10 Hrs
              Yamashiro opens fire on Orel, range 19,500 yards
11:10 Hrs
              Kaga turns away to N due to high damage
      Turn 21
11:11 Hrs
              Kaga loses B turret [2 guns lost]
              Navarin shifts fire to Mutsu, range 18,550 yards
11:11 Hrs
11:11 Hrs
              Ismail shifts fire to Hyuga, range 19,000 yards
11:11 Hrs
              Ise opens fire on Tsessarevitch, range 18,800 yards
11:11 Hrs
              Fuso opens fire on Orel, range 18,300 yards
11:11 Hrs
              Tatsuta opens fire on Adm. Nakhimov, range 18,750 yards
11:13 Hrs
              Tama opens fire on Adm. Nakhimov, range 17,050 yards
11:13 Hrs
              1st Flotilla turns away to W, making smoke due to heavy shells [from
Tosa]
              Tsessarevitch shifts fire to Tosa, range 13,800 yards
11:14 Hrs
11:14 Hrs
              Suvorow shifts fire to Nagato, range 14,700 yards
11:14 Hrs
              Adm. Lazarev shifts fire to Tatsuta, range 16,950 yards
11:14 Hrs
              Nagato shifts fire to Slava, range 13,500 yards
11:14 Hrs
              Yamashiro shifts fire to Suvorow, range 16,800 yards
11:14 Hrs
              Kuma shifts fire to Adm. Lazarev, range 16,350 yards
11:15 Hrs
              Fuso shifts fire to Borodino, range 17,100 yards
11:15 Hrs
              Nagato machinery damaged by flooding
11:15 Hrs
              Combined Fleet battleline maintains range, course 088, current range
12250 yards
      Turn 22
              Nagato engine disabled
11:16 Hrs
              Tosa launches a torpedo at Orel
11:16 Hrs
11:17 Hrs
              Nagato loses 1 gun of X turret
11:18 Hrs
              Mutsu secondary magazine lost
              Adm. Kornilov opens fire on 1st DD Division, range 15,600 yards
11:19 Hrs
11:19 Hrs
              Tosa shifts fire to Slava, range 12,000 yards
11:19 Hrs
              Tama shifts fire to Adm. Lazarev, range 11,400 yards
11:19 Hrs
              Nagato maximum speed reduced by flooding
11:20 Hrs
              Orel loses 1 gun of X turret
              Slava W/T inoperable
11:20 Hrs
              Suvorow loses Q turret [3 guns lost]
11:20 Hrs
11:20 Hrs
              Combined Fleet battleline opens range, course 062, current range 11400
yards
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Turn 23
11:22 Hrs
              Tosa shifts fire to Orel, range 12,400 yards
11:23 Hrs
              Tama shifts fire to Adm. Kornilov, range 17,700 yards
11:23 Hrs
              Yamashiro launches a torpedo at Slava
11:24 Hrs
              Hyuga primary magazine lost
11:24 Hrs
              Hyuga loses X turret [2 guns lost] and loses Y turret [assoc guns lost:
2]
              Adm. Kornilov shifts fire to Tama, range 17,650 yards
11:24 Hrs
11:24 Hrs
              Nagato maximum speed reduced by flooding
      Turn 24
              Nagato maximum speed reduced by flooding
11:26 Hrs
11:27 Hrs
              Orel maximum speed reduced by flooding
11:28 Hrs
              Tosa shifts fire to Slava, range 14,150 yards
11:28 Hrs
              Mutsu shifts fire to Tsessarevitch, range 14,200 yards
11:28 Hrs
              Ise shifts fire to Suvorow, range 12,550 yards
              Yamashiro shifts fire to Borodino, range 11,600 yards
11:28 Hrs
11:28 Hrs
              Borodino maximum speed reduced by flooding
11:29 Hrs
              Mutsu maximum speed reduced by flooding
              Tosa loses 1 gun of A turret
11:30 Hrs
11:30 Hrs
              Hyuga secondary magazine explosion, fatal damage
11:30 Hrs
              Slava machinery damaged by flooding
11:30 Hrs
              Hyuga SINKS
              Combined Fleet battleline closes up behind Kaga
11:30 Hrs
              J-1stDiv battleline lead unit, flagship Kaga, course 062
11:30 Hrs
              J-2ndDiv stationed 1.7 NM ahead of Kaga
11:30 Hrs
              Combined Fleet battleline maintains range, course 038, current range
15450 yards
      Turn 25
              Ismail shifts fire to Kaga, range 16,950 yards
11:31 Hrs
              Borodino maximum speed reduced by flooding
11:32 Hrs
11:33 Hrs
              Tsessarevitch loses 1 gun of X turret
              Borodino turns away to NNE due to high damage
11:33 Hrs
11:33 Hrs
              Tosa maximum speed reduced by flooding
11:34 Hrs
              Kuma shifts fire to Adm. Nakhimov, range 15,000 yards
11:34 Hrs
              Kaga maximum speed reduced by flooding
11:35 Hrs
              Slava loses Q turret [3 guns lost]
              Slava maximum speed reduced by flooding
11:35 Hrs
11:35 Hrs
              Borodino maximum speed reduced by flooding
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Turn 26
11:36 Hrs
              Orel maximum speed reduced by flooding
11:37 Hrs
              Tosa loses A turret [1 guns lost]
              Borodino loses P turret [3 guns lost]
11:37 Hrs
11:37 Hrs
              Borodino maximum speed reduced by flooding
11:37 Hrs
              Kaga maximum speed reduced by flooding
11:37 Hrs
              Tosa maximum speed reduced by flooding
11:38 Hrs
              Borodino turns away to NE due to high damage
11:38 Hrs
              Borodino SINKS
              Tosa maximum speed reduced by flooding
11:38 Hrs
11:39 Hrs
              Yamashiro shifts fire to Orel, range 14,650 yards
11:39 Hrs
              Fuso shifts fire to Slava, range 14,600 yards
              Kaga maximum speed reduced by flooding
11:39 Hrs
              Navarin shifts fire to Tosa, range 17,100 yards
11:40 Hrs
11:40 Hrs
              Ismail shifts fire to Nagato, range 17,550 yards
              Kinburn shifts fire to Mutsu, range 17,000 yards
11:40 Hrs
11:40 Hrs
              Tosa shifts fire to Orel, range 15,700 yards
11:40 Hrs
              Kuma shifts fire to Adm. Lazarev, range 13,150 yards
11:40 Hrs
              Orel progressive flooding
              Slava maximum speed reduced by flooding
11:40 Hrs
11:40 Hrs
              Ise AP shells low
              Yamashiro AP shells low
11:40 Hrs
              Fuso AP shells low
11:40 Hrs
      Turn 27
11:41 Hrs
              Slava shifts fire to Kaga, range 15,950 yards
11:41 Hrs
              Kinburn shifts fire to Nagato, range 17,250 yards
11:41 Hrs
              Yamashiro shifts fire to Slava, range 14,550 yards
11:41 Hrs
              Kuma shifts fire to Adm. Nakhimov, range 12,900 yards
              Orel progressive flooding
11:41 Hrs
              Orel maximum speed reduced by flooding
11:41 Hrs
11:41 Hrs
              Slava maximum speed reduced by flooding
              Nagato maximum speed reduced by flooding
11:41 Hrs
11:42 Hrs
              Nagato loses Y turret [2 guns lost]
              Suvorow maximum speed reduced by flooding
11:42 Hrs
11:43 Hrs
              Tsessarevitch maximum speed reduced by flooding
11:43 Hrs
              Tosa maximum speed reduced by flooding
11:45 Hrs
              Adm. Kornilov opens fire on 3rd DD Division, range 14,400 yards
11:45 Hrs
              Orel maximum speed reduced by flooding
11:45 Hrs
              Slava maximum speed reduced by flooding
11:45 Hrs
              Nagato machinery damaged by flooding
11:45 Hrs
              Mutsu AP shells low
11:45 Hrs
              Combined Fleet 1st DD Division flotilla torpedo attack, target Orel
11:45 Hrs
              Combined Fleet 2nd DD Division flotilla torpedo attack, target Orel
              Combined Fleet 3rd DD Division flotilla torpedo attack, target Orel
11:45 Hrs
              Combined Fleet 4th DD Division flotilla torpedo attack, target Orel
11:45 Hrs
              Combined Fleet battleline maintains range, course 052, current range
11:45 Hrs
15050 yards
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Turn 28
11:46 Hrs
              Slava shifts fire to Tosa, range 15,150 yards
              Tsessarevitch shifts fire to Nagato, range 15,450 yards
11:46 Hrs
              Suvorow shifts fire to Mutsu, range 15,750 yards
11:46 Hrs
              Navarin shifts fire to Ise, range 16,050 yards
11:46 Hrs
11:46 Hrs
              Ismail shifts fire to Yamashiro, range 15,650 yards
11:46 Hrs
              Kinburn shifts fire to Fuso, range 15,500 yards
11:46 Hrs
              Tosa shifts fire to Slava, range 15,150 yards
11:46 Hrs
              Nagato shifts fire to Tsessarevitch, range 15,450 yards
11:46 Hrs
              Mutsu shifts fire to Suvorow, range 15,750 yards
11:46 Hrs
              Ise shifts fire to Navarin, range 16,050 yards
11:46 Hrs
              Yamashiro shifts fire to Ismail, range 15,650 yards
              Fuso shifts fire to Kinburn, range 15,500 yards
11:46 Hrs
              Kuma shifts fire to Adm. Lazarev, range 9,250 yards
11:50 Hrs
11:50 Hrs
              Kaga maximum speed reduced by flooding
11:50 Hrs
              Tosa uncontrolled flooding due to speed
      Turn 29
11:51 Hrs
              Adm. Nakhimov loses 1 primary gun starboard
11:51 Hrs
              Mutsu maximum speed reduced by flooding
11:52 Hrs
              Orel maximum speed reduced by flooding
11:53 Hrs
              Kuma shifts fire to Adm. Nakhimov, range 8,300 yards
              Tama shifts fire to Adm. Lazarev, range 8,600 yards
11:53 Hrs
11:53 Hrs
              Slava progressive flooding
11:53 Hrs
              Slava maximum speed reduced by flooding
11:53 Hrs
              Tosa progressive flooding
11:53 Hrs
              Nagato progressive flooding
11:53 Hrs
              Nagato SINKS
11:54 Hrs
              Tsessarevitch shifts fire to Kaga, range 14,750 yards
11:54 Hrs
              Adm. Kornilov shifts fire to Tatsuta, range 16,250 yards
              Kuma loses A mount [1 guns lost]
11:55 Hrs
11:55 Hrs
              Combined Fleet battleline closes up behind Kaga
              J-1stDiv battleline lead unit, flagship Kaga, course 052
11:55 Hrs
              J-2ndDiv stationed 0.9 NM ahead of Kaga
      Turn 30
11:56 Hrs
              Almaz stopped and recovering A/C 8360 by crane
11:56 Hrs
              Navarin shifts fire to Kaga, range 18,400 yards
11:56 Hrs
              Adm. Nakhimov loses 1 primary gun aft
11:56 Hrs
              Orel uncontrolled flooding due to sea state
11:56 Hrs
              Tosa uncontrolled flooding due to speed
11:57 Hrs
              Suvorow maximum speed reduced by flooding
11:58 Hrs
              Tatsuta turns away to SSE, making smoke due to medium damage
11:58 Hrs
              1st DD Division launches 5 torpedoes at Orel, visible to enemy
11:58 Hrs
              Kaga maximum speed reduced by flooding
              3rd DD Division launches 5 torpedoes at Suvorow, visible to enemy
11:59 Hrs
              Kuma maximum speed reduced by flooding
11:59 Hrs
12:00 Hrs
              Tama launches 3 torpedoes at Orel
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Turn 31
12:01 Hrs
              Adm. Kornilov loses 1 primary gun starboard
12:01 Hrs
              Suvorow maximum speed reduced by flooding
12:02 Hrs
              Adm. Kornilov launches a torpedo at Tosa
              Tsessarevitch shifts fire to Mutsu, range 13,450 yards
12:03 Hrs
12:03 Hrs
              Slava engine disabled
              Fuso shifts fire to Orel, range 13,750 yards
12:03 Hrs
12:03 Hrs
              Kuma shifts fire to Adm. Lazarev, range 6,750 yards
12:03 Hrs
              Tama shifts fire to Adm. Kornilov, range 11,650 yards
              Slava maximum speed reduced by flooding
12:03 Hrs
12:04 Hrs
              Ismail shifts fire to Ise, range 18,950 yards
12:04 Hrs
              Kinburn shifts fire to Yamashiro, range 19,150 yards
12:04 Hrs
              Adm. Kornilov primary magazine lost
              Adm. Kornilov loses 1 primary gun forward
12:04 Hrs
12:05 Hrs
              Orel maximum speed reduced by flooding
12:05 Hrs
              Mutsu new lead ship of J-1stDiv and new flagship of Combined Fleet
12:05 Hrs
              Combined Fleet reverses battleline order
12:05 Hrs
              J-2ndDiv battleline lead unit, flagship Ise, course 052
              J-1stDiv stationed 1.3 NM astern of Ise
      Turn 32
12:06 Hrs
              3rd DD Division (4) ordered clear of battleline fire
              Mutsu loses 1 gun of X turret
12:06 Hrs
              Suvorow avoiding torpedoes by turning away [2, fired by 1st DD Division]
12:06 Hrs
12:07 Hrs
              Orel loses 1 gun of X turret
12:07 Hrs
              Orel TORPEDOED [by 1st DD Division]
12:07 Hrs
              Orel propeller shafts hit
12:07 Hrs
              Tsessarevitch avoiding torpedoes by turning toward [2, fired by 1st DD
Division]
12:07 Hrs
              Suvorow combing torpedoes away [2, fired by 1st DD Division]
              Tsessarevitch shifts fire to Kaga, range 13,450 yards
12:08 Hrs
12:08 Hrs
              Suvorow combing torpedoes away [2, fired by 1st DD Division]
12:08 Hrs
              Kaga loses power, primary battery out of action
12:08 Hrs
              Kaga progressive flooding
              Kaga maximum speed reduced by flooding
12:09 Hrs
12:10 Hrs
              2nd DD Division (4) ordered clear of battleline fire
12:10 Hrs
              1st DD Division turns away to ESE, making smoke due to high damage
      Turn 33
12:11 Hrs
              4th DD Division (4) ordered clear of battleline fire
12:11 Hrs
              Adm. Kornilov primary magazine lost
12:11 Hrs
              Adm. Kornilov loses 1 primary gun starboard loses 4 primary guns port
loses 4 primary guns starboard
12:11 Hrs
              Tatsuta turns away to NE, making smoke due to medium damage
              Adm. Kornilov maximum speed reduced by flooding
12:11 Hrs
              Adm. Kornilov loses 1 primary gun port
12:12 Hrs
12:12 Hrs
              Adm. Kornilov maximum speed reduced by flooding
12:12 Hrs
              Mutsu maximum speed reduced by flooding
12:13 Hrs
              Kinburn shifts fire to Mutsu, range 16,750 yards
12:13 Hrs
              1st DD Division launches a torpedo at Orel, visible to enemy
12:13 Hrs
              Kaga SINKS
12:13 Hrs
              Tosa uncontrolled flooding due to sea state
12:13 Hrs
              1st DD Division DISPERSED
12:14 Hrs
              Tsessarevitch shifts fire to Mutsu, range 15,000 yards
              Navarin shifts fire to Ise, range 17,500 yards
12:14 Hrs
12:14 Hrs
              Tosa maximum speed reduced by flooding
12:15 Hrs
              Mutsu maximum speed reduced by flooding
12:15 Hrs
              Tsessarevitch AP shells low
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Turn 34
12:16 Hrs
              Adm. Kornilov progressive flooding
12:17 Hrs
              Adm. Kornilov maximum speed reduced by flooding
12:18 Hrs
              2nd Flotilla launches 10 torpedoes at Yamashiro, visible to enemy
12:18 Hrs
              Tsessarevitch TORPEDOED [by 1st DD Division]
12:18 Hrs
              Tsessarevitch maximum speed reduced by hull damage
              Adm. Kornilov capsizes
12:18 Hrs
12:18 Hrs
              Adm. Kornilov SINKS
12:18 Hrs
              Tatsuta maximum speed reduced by flooding
12:19 Hrs
              Tama shifts fire to Adm. Nakhimov, range 5,050 yards
12:19 Hrs
              Tatsuta turns away to W, making smoke due to medium damage
12:19 Hrs
              Tatsuta maximum speed reduced by flooding
12:20 Hrs
              Orel capsizes
12:20 Hrs
              Orel SINKS
12:20 Hrs
              Navarin primary ammo low
12:20 Hrs
              Combined Fleet battleline turns toward torpedo launch, course 004
      Turn 35
12:21 Hrs
              Tatsuta loses A mount [1 guns lost]
              Yamashiro avoiding torpedoes by turning toward [3, fired by 2nd Flotilla]
12:21 Hrs
12:21 Hrs
              Tatsuta maximum speed reduced by flooding
              Fuso shifts fire to Tsessarevitch, range 14,700 yards
12:22 Hrs
              Ise combing torpedoes toward [3, fired by 2nd Flotilla]
12:22 Hrs
              Mutsu maximum speed reduced by flooding
12:22 Hrs
              4th DD Division turns away to SE, making smoke due to high damage
12:23 Hrs
12:23 Hrs
              Mutsu maximum speed reduced by flooding
12:23 Hrs
              Kuma maximum speed reduced by flooding
12:24 Hrs
              Tsessarevitch shifts fire to Tosa, range 13,150 yards
12:24 Hrs
              Navarin shifts fire to Mutsu, range 14,050 yards
12:24 Hrs
              Kinburn shifts fire to Yamashiro, range 16,800 yards
              4th DD Division avoiding torpedoes by turning away [3, fired by 2nd
12:24 Hrs
Flotilla]
12:24 Hrs
              Slava loses power, primary battery out of action, secondary battery out
of action
12:24 Hrs
              Slava uncontrolled flooding due to sea state
12:24 Hrs
              Slava SINKS
12:24 Hrs
              Suvorow progressive flooding
12:24 Hrs
              Tatsuta loses power
12:25 Hrs
              Tosa shifts fire to Tsessarevitch, range 13,100 yards
12:25 Hrs
              4th DD Division combing torpedoes away [3, fired by 2nd Flotilla]
12:25 Hrs
              Combined Fleet battleline reverses direction
12:25 Hrs
              J-1stDiv battleline lead unit, flagship Mutsu, course 004
              J-2ndDiv stationed 0.5 NM astern of Mutsu
      Turn 36
12:26 Hrs
              4th DD Division combing torpedoes away [3, fired by 2nd Flotilla]
12:27 Hrs
              Tosa launches a torpedo at Navarin
12:27 Hrs
              4th DD Division combing torpedoes away [3, fired by 2nd Flotilla]
              1st Flotilla DISPERSED
12:28 Hrs
12:28 Hrs
              2nd Flotilla DISPERSED
12:30 Hrs
              Ismail shifts fire to Tosa, range 13,250 yards
              Yamashiro shifts fire to Tsessarevitch, range 8,900 yards
12:30 Hrs
12:30 Hrs
              Fuso shifts fire to Navarin, range 8,800 yards
              Combined Fleet battleline forms line ahead behind Ise
12:30 Hrs
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Turn 37
12:31 Hrs
              Tsessarevitch shifts fire to Fuso, range 6,950 yards
12:31 Hrs
              Ismail shifts fire to Yamashiro, range 9,550 yards
12:33 Hrs
              Fuso loses A turret [2 guns lost]
              Navarin shifts fire to Tosa, range 12,000 yards
12:34 Hrs
12:34 Hrs
              Ismail shifts fire to Ise, range 12,450 yards
12:34 Hrs
              Adm. Lazarev loses 1 primary gun port
12:34 Hrs
              Tsessarevitch maximum speed reduced by flooding
12:34 Hrs
              Navarin maximum speed reduced by flooding
              Tosa uncontrolled flooding due to sea state
12:34 Hrs
12:34 Hrs
              Tatsuta progressive flooding
      Turn 38
12:36 Hrs
              Kinburn shifts fire to Tosa, range 12,400 yards
              Adm. Nakhimov shifts fire to Tatsuta, range 16,150 yards
12:36 Hrs
12:36 Hrs
              Tsessarevitch machinery damaged
12:36 Hrs
              Tsessarevitch loses Q turret [3 guns lost]
              Tsessarevitch loses power, primary battery out of action, secondary
12:36 Hrs
battery out of action
              Tsessarevitch uncontrolled flooding due to speed
12:36 Hrs
12:36 Hrs
              Kuma progressive flooding
12:37 Hrs
              Tsessarevitch secondary magazine lost
12:37 Hrs
              Tsessarevitch SINKS
              Navarin maximum speed reduced by flooding
12:37 Hrs
              Tosa shifts fire to Navarin, range 11,250 yards
12:38 Hrs
12:38 Hrs
              Yamashiro shifts fire to Ismail, range 7,700 yards
12:38 Hrs
              Adm. Nakhimov turns away to SE, making smoke due to medium damage
12:38 Hrs
              Navarin maximum speed reduced by flooding
12:38 Hrs
              Tosa maximum speed reduced by flooding
12:39 Hrs
              Adm. Lazarev loses 1 primary gun aft
      Turn 39
              Ismail shifts fire to Tosa, range 11,000 yards
12:41 Hrs
              Fuso shifts fire to Ismail, range 6,950 yards
12:41 Hrs
12:41 Hrs
              Navarin progressive flooding
12:42 Hrs
              Navarin loses 1 gun of X turret
12:42 Hrs
              Ismail loses 1 gun of Q turret
12:42 Hrs
              Adm. Lazarev loses 1 primary gun starboard
12:43 Hrs
              Ismail loses P turret [3 guns lost]
12:43 Hrs
              Navarin maximum speed reduced by flooding
12:44 Hrs
              Adm. Nakhimov 4 boilers damaged
12:44 Hrs
              Mutsu launches a torpedo at Ismail
12:45 Hrs
              Mutsu shifts fire to Navarin, range 5,050 yards
12:45 Hrs
              Kuma opens fire on Adm. Nakhimov, range 18,000 yards
12:45 Hrs
              Adm. Nakhimov launches a torpedo at Ise
12:45 Hrs
              Navarin SINKS
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