

Initial conditions

Wind SW at 1 knots  
 Visibility 24,000 yards (48 inches), worsening

Unit	Position (inches)	Course	Speed (ord/max/unit)	Ammunition (rpg) (AP / Other)
J-1stDiv in formation line ahead				
lead ship Mikasa (F) -----	1392N 1132E	240	15 18 18	24 / 56
J-1stDivA in formation line ahead				
lead ship Kasuga -----	1394N 1135E	240	15 20 20	30 / 70
J-3rdDiv in formation line ahead				
lead ship Yakumo -----	1352N 1064E	125	15 21 18	45 / 105
J-5thDiv in formation line ahead				
lead ship Asama -----	1408N 1084E	220	15 21 14	45 / 105
J-6thDiv in formation line ahead				
lead ship Akashi -----	1400N 1116E	180	00 20 16	200 / 0
J-DD1 ----- JA 1st DD (3) -----	1328N 1132E	100	15 30	
J-DD2 ----- JA 2nd DD (4) -----	1392N 1112E	180	00 30	
J-DD3 ----- JA 3rd DD (3) -----	1344N 1120E	000	15 30	
J-DD4 ----- JA 4th DD (4) -----	1400N 1124E	180	00 30	
J-DD5 ----- JA 5th DD (4) -----	1344N 1084E	090	15 30	

Turn 1 12:35 Hrs Real Time 08:22:34 AM 04/29/2021

REPORTS for Japanese Fleet

Sighted Tsesarevitch class BB ----- 27N 54E, Crs 120, Spd 15 from Mikasa  
 Sighted Retvisan class BB ----- 27N 53E, Crs 120, Spd 15 from Yakumo  
 Sighted Peresviet class BB ----- 28N 52E, Crs 120, Spd 15 from Mikasa  
   another ----- 29N 51E, Crs 120, Spd 15  
 Sighted Petropavlovsk class BB ----- 29N 50E, Crs 120, Spd 15 from Yakumo  
   another ----- 30N 49E, Crs 120, Spd 15  
 Sighted 5 funneled cruiser ----- 31N 47E, Crs 120, Spd 15 from Yakumo  
 Sighted 3 funneled cruiser ----- 31N 46E, Crs 120, Spd 15 from Yakumo  
   another ----- 32N 45E, Crs 120, Spd 15  
   another ----- 32N 50E, Crs 120, Spd 15  
 Sighted 6 destroyers ----- 33N 48E, Crs 120, Spd 15 from Yakumo  
 Apparent wind on Mikasa from WSW at 16 knots (ahead)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ---- Mikasa -----		40N 98E	240	15 15 15.0 18 18
J-1stDivA --- Kasuga -----		42N 101E	240	15 15 15.0 20 20
J-3rdDiv ---- Yakumo -----		00N 38E	125	15 15 15.0 21 18
J-5thDiv ---- Asama -----		55N 51E	220	15 15 15.0 21 14
J-6thDiv ---- Akashi -----		51N 86E	180	00 00 00.0 20 16
J-DD1 ----- JA 1st DD (3)(3) -----		-22N 107E	100	15 15 15.0 30 --
J-DD2 ----- JA 2nd DD (4)(4) -----		43N 82E	180	00 00 00.0 30 --
J-DD3 ----- JA 3rd DD (3)(3) -----		00N 90E	000	15 15 15.0 30 --
J-DD4 ----- JA 4th DD (4)(4) -----		51N 94E	180	00 00 00.0 30 --
J-DD5 ----- JA 5th DD (4)(4) -----		-05N 59E	090	15 15 15.0 30 --

HITS Heavy caliber Medium caliber

Turn 2 12:40 Hrs Real Time 08:26:46 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from SW at 17 knots (ahead)

TARGETING

Firing Ship Pos. Target class Range yds Arc Con Obstruction/problem  
 Asama -----> 3 Petropavlovsk -----12,843 2 Petropavlovsk class

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ---- Mikasa -----		39N 90E	230	18 16 15.6 18 18
J-1stDivA --- Kasuga -----		41N 93E	231	20 17 16.6 20 20

J-3rdDiv	----	Yakumo	-----	07N 36E	014	18	18	16.8	21	18
J-5thDiv	----	Asama	-----	52N 46E	188	16	16	16.0	21	14
J-6thDiv	----	Akashi	-----	50N 82E	180	15	14	08.8	20	16
J-DD1	-----	JA 1st DD (3)(3)	-----	-19N 98E	300	30	19	16.2	30	--
J-DD2	-----	JA 2nd DD (4)(4)	-----	47N 77E	341	30	12	08.0	30	--
J-DD3	-----	JA 3rd DD (3)(3)	-----	07N 81E	317	30	22	18.6	30	--
J-DD4	-----	JA 4th DD (4)(4)	-----	52N 88E	239	30	12	07.6	30	--
J-DD5	-----	JA 5th DD (4)(4)	-----	00N 53E	356	30	19	16.2	30	--

HITS Heavy caliber Medium caliber

Turn 3 12:45 Hrs Real Time 08:27:21 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from W at 17 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Yakumo	----->	1 Tsesarevitch	-----11,141	2		/Range rate high
Kasagi	----->	1 Askold	-----10,083	1		/Range rate high
Chitose	----->	1 Askold	-----11,068	1	2	Yakumo/Range rate high
Asama	----->	2 Petropavlovsk	-----12,634	2		Peresviet class
JA 5th DD (4)	----->	1 Askold	-----9,505			/Range rate high

second ship in enemy unit, Retvisan class not under fire  
third ship in enemy unit, Peresviet class not under fire  
first ship in enemy unit, Peresviet class not under fire  
third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	-----42N 80E	265	18 16 15.4 18 18
J-1stDivA	--- Kasuga	-----43N 83E	264	20 17 16.8 20 20
J-3rdDiv	---- Yakumo	-----14N 36E	038	18 18 17.6 21 18
J-5thDiv	---- Asama	-----51N 45E	134	16 16 15.4 21 14
J-6thDiv	---- Akashi	-----48N 75E	208	16 16 15.8 20 16
J-DD1	----- JA 1st DD (3)(3)	-----09N 92E	344	30 26 22.6 30 --
J-DD2	----- JA 2nd DD (4)(4)	-----54N 68E	316	30 21 17.2 30 --
J-DD3	----- JA 3rd DD (3)(3)	-----18N 76E	354	30 27 25.2 30 --
J-DD4	----- JA 4th DD (4)(4)	-----56N 78E	291	30 19 15.6 30 --
J-DD5	----- JA 5th DD (4)(4)	-----08N 54E	035	30 26 22.6 30 --

HITS Heavy caliber Medium caliber

Turn 4 12:50 Hrs Real Time 08:27:58 AM 04/29/2021

REPORTS for Japanese Fleet

Takachiho primary guns damaged

Apparent wind on Mikasa from W at 18 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa	----->	2 Petropavlovsk	-----13,535	2	2	Peresviet class
Asahi	----->	2 Petropavlovsk	-----13,966	2	2	Mikasa/2ptsP
Fuji	----->	1 Peresviet	-----14,680	2		Asahi/2ptsP
Shikisima	----->	2 Petropavlovsk	-----14,842	2	3	Fuji/2ptsP
Yakumo	----->	3 Peresviet	-----7,719	2	2	
Kasagi	----->	1 Askold	-----4,655	1		
Takachiho	----->	2 Pallada	-----5,534	1		Yakumo
Chitose	----->	3 Pallada	-----6,448	1		Askold class
Hashidate	----->	Boiki Destroyer	-----9,835			/Range rate high
JA 5th DD (4)	----->	3 Pallada	-----6,350		2	Pallada class

third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	-----46N 74E	262	18 17 16.4 18 18
J-1stDivA	--- Kasuga	-----47N 76E	261	20 18 17.8 20 20
J-3rdDiv	---- Yakumo	-----24N 38E	037	18 18 18.0 21 18

J-5thDiv	----	Asama	-----	52N 48E	140	16	16	16.0	21	14
J-6thDiv	----	Akashi	-----	48N 73E	198	16	16	16.0	20	16
J-DD1	-----	JA 1st DD (3)(3)	-----	05N 88E	342	30	28	27.0	30	--
J-DD2	-----	JA 2nd DD (4)(4)	-----	63N 62E	222	16	16	23.6	30	--
J-DD3	-----	JA 3rd DD (3)(3)	-----	32N 74E	352	30	28	27.8	30	--
J-DD4	-----	JA 4th DD (4)(4)	-----	63N 70E	287	30	27	24.6	30	--
J-DD5	-----	JA 5th DD (4)(3)	-----	21N 58E	035	30	28	27.0	30	--

HITS Heavy caliber Medium caliber  
 Takachiho medium damage  
 JA 5th DD (4) medium damage

Turn 5 12:55 Hrs Real Time 08:28:39 AM 04/29/2021

REPORTS for Japanese Fleet

Kasagi primary guns damaged  
 Chitose secondary, then primary magazine lost  
 Chitose primary guns damaged  
 Apparent wind on Mikasa from W at 19 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa	----->	2 Petropavlovsk	-----13,859		2	Petropavlovsk class
Asahi	----->	2 Petropavlovsk	-----14,139		2	Mikasa/2ptsP
Fuji	----->	1 Peresviet	-----14,931			Asahi/2ptsP
Shikisima	----->	2 Petropavlovsk	-----14,736		3	Fuji/2ptsP
Yakumo	----->	3 Peresviet	-----4,336		2	Novik class
Kasagi	----->	1 Askold	-----3,833		2	Novik class
Takachiho	----->	2 Pallada	-----3,654			Novik class
Chitose	----->	1 Askold	-----4,430		3	Novik class
Hashidate	----->	Boiki Destroyer	-----9,074	S		Boiki Destroyer class
JA 5th DD (4)	----->	Boiki Destroyer	-----9,500		4	

third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	-----50N 71E	276	18 18 17.4 18 18
J-1stDivA	--- Kasuga	-----51N 73E	273	20 19 19.0 20 20
J-3rdDiv	---- Yakumo	-----31N 46E	047	18 18 18.0 21 18
J-5thDiv	---- Asama	-----53N 56E	115	16 16 16.0 21 14
J-6thDiv	---- Akashi	-----48N 72E	237	16 16 15.6 20 16
J-DD1	----- JA 1st DD (3)(3)	-----17N 90E	350	30 29 28.4 30 --
J-DD2	----- JA 2nd DD (4)(4)	-----69N 65E	310	30 20 16.0 30 --
J-DD3	----- JA 3rd DD (3)(3)	-----45N 77E	355	30 29 29.0 30 --
J-DD4	----- JA 4th DD (4)(4)	-----73N 66E	310	30 28 27.6 30 --
J-DD5	----- JA 5th DD (4)(2)	-----32N 66E	029	30 29 28.4 30 --

HITS Heavy caliber Medium caliber  
 3 Peresviet class ----- 0 hit, 0 total 1 hit, 1 total  
 Kasagi medium damage  
 Chitose medium damage  
 JA 5th DD (4) heavy damage

Turn 6 12:60 Hrs Real Time 08:29:22 AM 04/29/2021

REPORTS for Japanese Fleet

Yakumo fire control damage  
 Yakumo secondary magazine lost  
 Apparent wind on Mikasa from W at 19 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Yakumo	----->	3 Peresviet	-----6,278		2	Peresviet class
Kasagi	----->	1 Askold	-----5,601		2	Askold class
Takachiho	----->	2 Pallada	-----5,214			Askold class
Chitose	----->	1 Askold	-----5,859		2	Askold class
Hashidate	----->	1 Askold	-----12,085		2	
JA 5th DD (4)	----->	1 Askold	-----8,459		3	JA 5th DD (4)

first ship in enemy unit, Peresviet class not under fire  
 third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	53N 69E	273	18 18 18.0 18 18
J-1stDivA	--- Kasuga	55N 70E	272	20 20 20.0 20 20
J-3rdDiv	---- Yakumo	39N 54E	046	18 18 18.0 21 18
J-5thDiv	---- Asama	54N 65E	121	16 16 16.0 21 14
J-6thDiv	---- Akashi	48N 75E	121	16 11 14.8 20 16
J-DD1	----- JA 1st DD (3)(3)	30N 92E	348	30 30 29.4 30 --
J-DD2	----- JA 2nd DD (4)(4)	69N 74E	121	16 16 14.8 30 --
J-DD3	----- JA 3rd DD (3)(3)	58N 80E	357	30 30 30.0 30 --
J-DD4	----- JA 4th DD (4)(4)	73N 76E	121	16 16 20.0 30 --
J-DD5	----- JA 5th DD (4)(2)	44N 75E	031	30 30 29.4 30 --

HITS

	Heavy caliber	Medium caliber
3 Peresviet class	0 hit, 0 total	1 hit, 2 total
Yakumo	2 hits, 2 total	

Turn 7 13:05 Hrs Real Time 08:35:14 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from S at 18 knots (ahead)

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Yakumo	-----> 3 Peresviet	9,106		2	Retvisan class
Kasagi	-----> 1 Askold	8,205		3	
Takachiho	-----> 2 Pallada	7,664			Boiki Destroyer class
Chitose	-----> 1 Askold	7,915		2	
Asama	-----> Novik	12,739			/Range rate high

first ship in enemy unit, Peresviet class not under fire  
 second ship in enemy unit, Petropavlovsk class not under fire  
 third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	57N 63E	188	16 17 17.8 18 18
J-1stDivA	--- Kasuga	59N 61E	272	20 20 20.0 20 20
J-3rdDiv	---- Yakumo	47N 56E	048	18 18 18.0 21 18
J-5thDiv	---- Asama	55N 66E	121	16 16 16.0 21 14
J-6thDiv	---- Akashi	49N 77E	121	16 16 15.2 20 16
J-DD1	----- JA 1st DD (3)(3)	44N 87E	349	30 30 30.0 30 --
J-DD2	----- JA 2nd DD (4)(4)	70N 76E	121	16 16 16.0 30 --
J-DD3	----- JA 3rd DD (3)(3)	72N 77E	357	30 30 30.0 30 --
J-DD4	----- JA 4th DD (4)(4)	74N 78E	121	16 16 16.0 30 --
J-DD5	----- JA 5th DD (4)(2)	56N 77E	031	30 30 30.0 30 --

HITS

	Heavy caliber	Medium caliber

Turn 8 13:10 Hrs Real Time 08:35:57 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from SSE at 14 knots (ahead)

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Asahi	-----> 2 Petropavlovsk	14,661			Peresviet class
Fuji	-----> 1 Peresviet	14,639			/Range rate high
Yakumo	-----> 3 Peresviet	9,974	S		Boiki Destroyer class
Kasagi	-----> 1 Askold	8,437		3	Boiki Destroyer class
Takachiho	-----> 2 Pallada	8,629			Askold class
Chitose	-----> 1 Askold	7,877		2	
Asama	-----> Novik	9,568		2	
Akashi	-----> Boiki Destroyer	9,118		3	

third ship in enemy unit, Petropavlovsk class not under fire

## POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ----	Mikasa -----	52N 63E	148	16 14 12.8 18 18
J-1stDivA ---	Kasuga -----	56N 61E	148	16 15 14.6 20 20
J-3rdDiv ----	Yakumo -----	49N 57E	050	18 18 18.0 21 18
J-5thDiv ----	Asama -----	48N 65E	148	16 16 16.0 21 14
J-6thDiv ----	Akashi -----	42N 74E	164	16 16 15.6 20 16
J-DD1 -----	JA 1st DD (3)(3) -----	52N 81E	346	30 30 30.0 30 --
J-DD2 -----	JA 2nd DD (4)(4) -----	63N 76E	143	30 25 21.2 30 --
J-DD3 -----	JA 3rd DD (3)(3) -----	65N 78E	147	30 25 23.6 30 --
J-DD4 -----	JA 4th DD (4)(4) -----	66N 78E	143	30 25 21.2 30 --
J-DD5 -----	JA 5th DD (4)(2) -----	58N 82E	073	30 28 27.8 30 --

HITS Heavy caliber Medium caliber

Yakumo medium damage

Turn 9 13:15 Hrs Real Time 08:36:39 AM 04/29/2021

## REPORTS for Japanese Fleet

Apparent wind on Mikasa from SSE at 16 knots (ahead)

## TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa ----->	2	Petropavlovsk -----	11,299		3	/Range rate high
Asahi ----->	2	Petropavlovsk -----	11,593		3	Askold class/Range rate high
Fuji ----->	1	Peresviet -----	10,989			/Range rate high
Shikisima ----->	2	Petropavlovsk -----	13,292		3	Pallada class/Range rate high
Kasuga ----->	1	Tsessarevitch -----	10,014			Chinyen/Range rate high
Nisshin ----->	2	Retvisan -----	10,801	2		Tsessarevitch class/Range rate high
Yakumo ----->	3	Peresviet -----	10,277			Retvisan class
Kasagi ----->	1	Askold -----	8,820		3	
Takachiho ----->	2	Pallada -----	8,359			Askold class
Chitose ----->	1	Askold -----	8,233		4	
Asama ----->		Novik -----	9,136		2	
Hashidate ----->	1	Askold -----	7,462	S		
Matsushima ----->		Novik -----	9,827	S		
Akashi ----->		Boiki Destroyer -----	6,359		3	

third ship in enemy unit, Petropavlovsk class not under fire

## POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ----	Mikasa -----	45N 61E	148	16 16 15.4 18 18
J-1stDivA ---	Kasuga -----	49N 59E	148	16 16 16.0 20 20
J-3rdDiv ----	Yakumo -----	50N 57E	054	18 18 18.0 21 18
J-5thDiv ----	Asama -----	42N 64E	148	16 16 16.0 21 14
J-6thDiv ----	Akashi -----	34N 72E	160	16 16 16.0 20 16
J-DD1 -----	JA 1st DD (3)(3) -----	50N 77E	148	16 14 20.4 30 --
J-DD2 -----	JA 2nd DD (4)(4) -----	53N 77E	143	30 28 27.4 30 --
J-DD3 -----	JA 3rd DD (3)(3) -----	55N 79E	147	30 28 27.4 30 --
J-DD4 -----	JA 4th DD (4)(4) -----	57N 79E	143	30 28 27.4 30 --
J-DD5 -----	JA 5th DD (4)(2) -----	54N 84E	148	16 15 20.0 30 --

HITS Heavy caliber Medium caliber

Turn 10 13:20 Hrs Real Time 08:37:23 AM 04/29/2021

## REPORTS for Japanese Fleet

Apparent wind on Mikasa from SSE at 16 knots (ahead)

## TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa ----->	2	Petropavlovsk -----	7,823		3	Peresviet class
Asahi ----->	2	Petropavlovsk -----	8,049	S		Pallada class
Fuji ----->	1	Peresviet -----	6,976			
Shikisima ----->	2	Petropavlovsk -----	9,773		2	Nisshin/Range rate high
Kasuga ----->	1	Tsessarevitch -----	7,844		3	
Nisshin ----->	1	Tsessarevitch -----	8,273	2	3	
Yakumo ----->	2	Retvisan -----	8,791	2	2	Tsessarevitch class

Kasagi -----> 1 Askold -----10,696 2  
 Chitose -----> 1 Askold -----11,362 3 /Range rate high  
 Asama -----> Novik ----- 9,947 S Retvisan class  
 Hashidate -----> 1 Askold ----- 8,030 S Pallada class  
 Chinyen -----> 3 Peresviet ----- 7,489 S Retvisan class  
 Akashi -----> 1 Askold ----- 9,844 3 Petropavlovsk class  
 third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	Mikasa	37N 61E	148	16 16 16.0 18 18
J-1stDivA	Kasuga	41N 58E	148	16 16 16.0 20 20
J-3rdDiv	Yakumo	43N 57E	148	16 15 15.0 21 18
J-5thDiv	Asama	33N 63E	148	16 16 16.0 21 14
J-6thDiv	Akashi	26N 70E	157	16 16 16.0 20 16
J-DD1	JA 1st DD (3)(3)	42N 77E	148	16 16 16.0 30 --
J-DD2	JA 2nd DD (4)(4)	43N 78E	148	16 16 18.4 30 --
J-DD3	JA 3rd DD (3)(3)	44N 80E	148	16 16 20.8 30 --
J-DD4	JA 4th DD (4)(4)	45N 82E	148	16 16 26.0 30 --
J-DD5	JA 5th DD (4)(2)	46N 83E	148	16 16 16.0 30 --

HITS Heavy caliber Medium caliber  
 2 Retvisan class ----- 0 hit, 0 total 1 hit, 1 total  
 1 Askold class ----- 0 hit, 0 total 1 hit, 1 total  
 Mikasa ----- 1 hit, 1 total

Turn 11 13:25 Hrs Real Time 08:38:08 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from ESE at 11 knots (ahead)

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa ----->	2 Petropavlovsk -----	4,901		3	
Asahi ----->	2 Petropavlovsk -----	4,836		3	Mikasa/2ptsS
Fuji ----->	1 Peresviet -----	4,719	2		
Shikisima ----->	2 Petropavlovsk -----	6,630	2	3	
Kasuga ----->	1 Tsessarevitch -----	6,109		2	
Nisshin ----->	1 Tsessarevitch -----	6,604		2	
Yakumo ----->	2 Retvisan -----	7,007	2		Tsessarevitch class
Kasagi ----->	1 Askold -----	9,271			Petropavlovsk class
Chitose ----->	1 Askold -----10,099			2	Petropavlovsk class
Hashidate ----->	1 Askold ----- 8,414		S		
Chinyen ----->	3 Peresviet ----- 6,140		S		Retvisan class

third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	Mikasa	34N 59E	099	16 12 14.8 18 18
J-1stDivA	Kasuga	37N 56E	159	20 18 17.0 20 20
J-3rdDiv	Yakumo	39N 54E	159	18 18 17.2 21 18
J-5thDiv	Asama	34N 63E	099	16 16 15.4 21 14
J-6thDiv	Akashi	27N 71E	089	16 16 14.8 20 16
J-DD1	JA 1st DD (3)(3)	47N 70E	313	30 23 19.6 30 --
J-DD2	JA 2nd DD (4)(4)	48N 72E	313	30 23 19.6 30 --
J-DD3	JA 3rd DD (3)(3)	49N 74E	315	30 23 19.6 30 --
J-DD4	JA 4th DD (4)(4)	50N 75E	315	30 23 19.6 30 --
J-DD5	JA 5th DD (4)(2)	51N 77E	315	30 23 19.6 30 --

HITS Heavy caliber Medium caliber  
 1 Tsessarevitch class ----- 0 hit, 0 total 2 hits, 2 total  
 2 Petropavlovsk class ----- 2 hits, 2 total

Turn 12 13:30 Hrs Real Time 08:38:53 AM 04/29/2021

REPORTS for Japanese Fleet

Fuji secondary magazine fire  
 Fuji maximum speed reduced by flooding

Apparent wind on Mikasa from ESE at 14 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa ----->	2	Petropavlovsk -----	5,078		3	
Asahi ----->	2	Petropavlovsk -----	4,813		3	
Fuji ----->	1	Peresviet -----	4,364			
Shikisima ----->	2	Petropavlovsk -----	5,022		3	Nisshin
Kasuga ----->	1	Tsessarevitch -----	5,384		4	
Nisshin ----->	1	Tsessarevitch -----	5,665		5	
Yakumo ----->	1	Tsessarevitch -----	6,063		5	
Kasagi ----->	1	Askold -----	8,616		2	Yakumo/2ptsS
Chitose ----->	1	Askold -----	9,353		2	Askold class
Asama ----->		Novik -----	9,560	S		Peresviet class
Matsushima ----->		Novik -----	9,026	S		
Chinyen ----->	3	Peresviet -----	5,616	2		Retvisan class
Akashi ----->		Boiki Destroyer -----	8,588	1	2	

second ship in enemy unit, Retvisan class not under fire  
third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ----	Mikasa -----	35N 59E	099	16 15 14.2 18 14
J-1stDivA ---	Kasuga -----	36N 55E	099	16 15 15.0 20 20
J-3rdDiv ----	Yakumo -----	36N 53E	099	16 14 16.6 21 18
J-5thDiv ----	Asama -----	34N 64E	099	16 16 16.0 21 14
J-6thDiv ----	Akashi -----	28N 71E	090	16 16 16.0 20 16
J-DD1 -----	JA 1st DD (3)(3) -----	50N 66E	099	16 14 18.8 30 --
J-DD2 -----	JA 2nd DD (4)(4) -----	52N 66E	099	16 14 18.8 30 --
J-DD3 -----	JA 3rd DD (3)(3) -----	54N 67E	099	16 12 21.4 30 --
J-DD4 -----	JA 4th DD (4)(4) -----	56N 67E	099	16 12 21.4 30 --
J-DD5 -----	JA 5th DD (4)(2) -----	58N 68E	045	16 16 24.4 30 --

HITS

	Heavy caliber	Medium caliber
1 Tsessarevitch class -----	0 hit, 0 total	1 hit, 3 total
2 Retvisan class -----	0 hit, 0 total	2 hits, 3 total
3 Peresviet class -----	1 hit, 1 total	
Asahi -----	1 hit, 1 total	
Fuji -----	1 hit, 1 total	

Fuji medium damage  
Kasuga AP shells low

Turn 13                    13:35 Hrs                    Real Time 08:39:40 AM 04/29/2021

REPORTS for Japanese Fleet

Fuji primary guns damaged  
Fuji maximum speed reduced by flooding  
Apparent wind on Mikasa from E at 12 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa ----->	1	Tsessarevitch -----	4,327		2	
Asahi ----->	2	Petropavlovsk -----	5,100	2	2	
Fuji ----->	1	Peresviet -----	4,378			
Shikisima ----->	2	Petropavlovsk -----	4,633		2	Nisshin
Kasuga ----->	2	Retvisan -----	4,353		2	Tsessarevitch class
Nisshin ----->	3	Peresviet -----	4,563	2	3	Retvisan class
Yakumo ----->	1	Tsessarevitch -----	5,490	2	3	
Kasagi ----->	1	Askold -----	8,267		2	
Chitose ----->	1	Askold -----	8,442		2	
Asama ----->	1	Peresviet -----	6,474	2	3	
Matsushima ----->		Novik -----	7,731	S		
Chinyen ----->	3	Peresviet -----	5,337	S		Retvisan class
Akashi ----->		Boiki Destroyer -----	8,357	1	2	

third ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ----	Mikasa -----	36N 59E	083	13 13 13.6 18 13

J-1stDivA	---	Kasuga	-----	35N 55E	083	16	15	16.0	20	20
J-3rdDiv	----	Yakumo	-----	35N 53E	083	16	16	16.2	21	18
J-5thDiv	----	Asama	-----	36N 64E	083	16	16	16.0	21	14
J-6thDiv	----	Akashi	-----	31N 71E	076	16	16	16.0	20	16
J-DD1	-----	JA 1st DD (3)(3)	-----	52N 62E	083	16	16	15.6	30	--
J-DD2	-----	JA 2nd DD (4)(4)	-----	54N 62E	083	16	16	15.6	30	--
J-DD3	-----	JA 3rd DD (3)(3)	-----	56N 61E	158	16	16	16.8	30	--
J-DD4	-----	JA 4th DD (4)(4)	-----	58N 61E	165	16	16	16.8	30	--
J-DD5	-----	JA 5th DD (4)(2)	-----	60N 62E	171	16	16	15.2	30	--

HITS

1 Tsessarevitch class	-----	1 hit, 1 total	2 hits, 5 total
3 Peresviet class	-----	0 hit, 1 total	3 hits, 5 total
2 Petropavlovsk class	-----	6 hits, 8 total	
Asahi	-----	1 hit, 2 total	
Fuji heavy damage			

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Turn 14                    13:40 Hrs            Real Time 08:40:27 AM 04/29/2021

REPORTS for Japanese Fleet  
Fuji maximum speed reduced by flooding  
Apparent wind on Mikasa from E at 12 knots (ahead)

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa	-----> 1 Tsessarevitch	5,065		2	
Asahi	-----> Petropavlovsk	6,861	2	2	
Fuji	-----> 1 Peresviet	4,681		2	
Shikisima	-----> Petropavlovsk	4,820		2	Yakumo
Kasuga	-----> 2 Retvisan	4,966		2	Tsessarevitch class
Nisshin	-----> 3 Peresviet	4,820		3	Retvisan class
Yakumo	-----> 1 Tsessarevitch	5,681		4	
Kasagi	-----> 1 Askold	10,828		2	/Range rate high
Chitose	-----> 1 Askold	10,382		2	/Range rate high
Asama	-----> 1 Peresviet	6,669	2	4	
Chinyen	-----> 3 Peresviet	5,411	2	2	Retvisan class
Akashi	-----> Boiki Destroyer	9,520	1		

second ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	36N 59E	083	13 13 13.0 18 13
J-1stDivA	--- Kasuga	36N 55E	083	16 16 16.0 20 20
J-3rdDiv	---- Yakumo	36N 53E	083	16 16 16.0 21 18
J-5thDiv	---- Asama	37N 64E	083	16 16 16.0 21 14
J-6thDiv	---- Akashi	32N 71E	076	16 16 16.0 20 16
J-DD1	----- JA 1st DD (3)(3)	49N 61E	128	30 20 16.0 30 --
J-DD2	----- JA 2nd DD (4)(4)	51N 61E	129	30 20 16.0 30 --
J-DD3	----- JA 3rd DD (3)(3)	53N 61E	129	30 20 16.0 30 --
J-DD4	----- JA 4th DD (4)(4)	55N 60E	129	30 20 16.0 30 --
J-DD5	----- JA 5th DD (4)(2)	57N 61E	130	30 20 16.0 30 --

HITS

1 Tsessarevitch class	-----	1 hit, 2 total	3 hits, 8 total
2 Retvisan class	-----	0 hit, 0 total	1 hit, 4 total
3 Peresviet class	-----	0 hit, 1 total	1 hit, 6 total
1 Peresviet class	-----	1 hit, 1 total	2 hits, 2 total
Mikasa AP shells low			
Asahi	-----	1 hit, 3 total	
Fuji	-----	1 hit, 2 total	
Hashidate medium damage			

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Turn 15                    13:45 Hrs            Real Time 08:41:14 AM 04/29/2021

REPORTS for Japanese Fleet  
Fuji maximum speed reduced by flooding  
Fuji secondary magazine lost  
Fuji maximum speed reduced by flooding



Apparent wind on Mikasa from E at 11 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa ----->	1	Tsessarevitch -----	5,894		2	
Asahi ----->	1	Tsessarevitch -----	5,852		3	
Fuji ----->	1	Peresviet -----	5,484		2	
Shikisima ----->		Petropavlovsk -----	5,321			Yakumo
Kasuga ----->	2	Retvisan -----	5,756		2	Tsessarevitch class
Nisshin ----->	3	Peresviet -----	5,607		3	Retvisan class
Yakumo ----->	1	Tsessarevitch -----	6,369		4	
Kasagi ----->	1	Askold -----	11,865		2	
Chitose ----->	1	Askold -----	11,441		2	
Asama ----->	1	Peresviet -----	7,309	2	3	
Chinyen ----->	3	Peresviet -----	6,007	S		Nisshin

second ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ----	Mikasa -----	38N 59E	083	12 12 12.2 18 11
J-1stDivA ---	Kasuga -----	38N 55E	083	16 16 16.0 20 20
J-3rdDiv ----	Yakumo -----	37N 53E	083	16 16 16.0 21 18
J-5thDiv ----	Asama -----	39N 64E	083	16 16 16.0 21 14
J-6thDiv ----	Akashi -----	35N 71E	077	16 16 16.0 20 16
J-DD1 -----	JA 1st DD (3)(3) -----	44N 62E	134	30 27 25.0 30 --
J-DD2 -----	JA 2nd DD (4)(4) -----	46N 62E	135	30 27 25.0 30 --
J-DD3 -----	JA 3rd DD (3)(3) -----	48N 62E	135	30 27 25.0 30 --
J-DD4 -----	JA 4th DD (4)(4) -----	50N 61E	135	30 27 25.0 30 --
J-DD5 -----	JA 5th DD (4)(2) -----	52N 62E	136	30 27 25.0 30 --

HITS

	Heavy caliber	Medium caliber
1 Tsessarevitch class -----	2 hits, 4 total	2 hits, 10 total
2 Retvisan class -----	1 hit, 1 total	3 hits, 7 total
3 Peresviet class -----	0 hit, 1 total	3 hits, 9 total
1 Peresviet class -----	1 hit, 2 total	2 hits, 4 total
Mikasa -----	1 hit, 2 total	
Asahi medium damage		
Fuji -----	2 hits, 4 total	
Shikisima AP shells low		
Yakumo AP shells low		

Turn 16 13:50 Hrs Real Time 08:41:58 AM 04/29/2021

REPORTS for Japanese Fleet

Asahi primary guns damaged  
Fuji primary guns damaged  
Fuji maximum speed reduced by flooding  
Apparent wind on Mikasa from E at 10 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa ----->	1	Tsessarevitch -----	6,775		3	
Asahi ----->	1	Tsessarevitch -----	6,728		4	
Fuji ----->	1	Tsessarevitch -----	6,718	S		
Shikisima ----->		Petropavlovsk -----	5,850			
Kasuga ----->	2	Retvisan -----	6,780		2	Tsessarevitch class
Nisshin ----->	3	Peresviet -----	6,567		3	Retvisan class
Yakumo ----->	1	Tsessarevitch -----	7,321		7	Nisshin/lptsS
Kasagi ----->	1	Askold -----	12,499		2	
Chitose ----->	1	Askold -----	11,977		2	Shikisima
Asama ----->	1	Peresviet -----	5,306	2	2	
Chinyen ----->	3	Peresviet -----	6,736	S		Nisshin
Akashi ----->		Boiki Destroyer -----	8,362		2	

second ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv ----	Mikasa -----	40N 58E	078	11 11 11.0 18 8
J-1stDivA ---	Kasuga -----	40N 55E	076	20 18 17.0 20 20

J-3rdDiv	----	Yakumo	-----	40N 53E	074	18	18	17.6	21	18
J-5thDiv	----	Asama	-----	35N 60E	168	16	14	13.2	21	14
J-6thDiv	----	Akashi	-----	31N 67E	167	16	16	13.6	20	16
J-DD1	-----	JA 1st DD (3)(3)	-----	39N 64E	127	30	28	27.6	30	--
J-DD2	-----	JA 2nd DD (4)(4)	-----	41N 63E	130	30	28	27.6	30	--
J-DD3	-----	JA 3rd DD (3)(3)	-----	43N 63E	132	30	28	27.6	30	--
J-DD4	-----	JA 4th DD (4)(4)	-----	45N 63E	134	30	28	27.6	30	--
J-DD5	-----	JA 5th DD (4)(2)	-----	46N 63E	136	30	28	27.6	30	--

HITS

1 Tsessarevitch class	-----	3 hits, 7 total	1 hit, 11 total
2 Retvisan class	-----	1 hit, 2 total	3 hits, 10 total
3 Peresviet class	-----	0 hit, 1 total	3 hits, 12 total
1 Peresviet class	-----	0 hit, 2 total	2 hits, 6 total
Petropavlovsk class	-----	1 hit, 9 total	
Mikasa	-----	2 hits, 4 total	
Asahi AP shells low			
Fuji	-----	2 hits, 6 total	
Nisshin AP shells low			

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Turn 17                    13:55 Hrs            Real Time 08:58:09 AM 04/29/2021

REPORTS for Japanese Fleet

  Apparent wind on Mikasa from SE at 13 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa	----->	1 Tsessarevitch	6,186	2	3	Matsushima
Asahi	----->	1 Tsessarevitch	6,620	2	2	
Fuji	----->	1 Tsessarevitch	8,476	S		
Shikisima	----->	Petropavlovsk	6,651			
Kasuga	----->	2 Retvisan	6,813			Tsessarevitch class
Nisshin	----->	3 Peresviet	6,947	2	3	Retvisan class
Yakumo	----->	1 Tsessarevitch	8,212	2	4	Shikisima
Asama	----->	1 Peresviet	4,086		2	
Chinyen	----->	3 Peresviet	6,271	2		Retvisan class
Akashi	----->	Boiki Destroyer	7,095		2	

  second ship in enemy unit, Petropavlovsk class not under fire

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	38N 55E	135	17 13 11.4 18 18
	dropped Fuji	41N 52E	135	17 12 11.2 08 --
J-1stDivA	--- Kasuga	38N 52E	124	16 14 13.4 20 20
J-3rdDiv	---- Yakumo	39N 50E	124	16 14 13.4 21 18
J-5thDiv	---- Asama	33N 59E	124	16 16 15.2 21 14
J-6thDiv	---- Akashi	29N 66E	125	16 16 15.6 20 16
J-DD1	----- JA 1st DD (3)(3)	45N 67E	063	30 26 25.2 30 --
J-DD2	----- JA 2nd DD (4)(4)	45N 67E	069	30 27 26.0 30 --
J-DD3	----- JA 3rd DD (3)(3)	46N 67E	076	30 27 26.0 30 --
J-DD4	----- JA 4th DD (4)(4)	47N 67E	081	30 27 26.2 30 --
J-DD5	----- JA 5th DD (4)(2)	48N 67E	083	30 27 26.2 30 --

HITS

1 Tsessarevitch class	-----	1 hit, 8 total	
3 Peresviet class	-----	0 hit, 1 total	1 hit, 13 total
1 Peresviet class	-----	0 hit, 2 total	7 hits, 13 total
Petropavlovsk class	-----	2 hits, 11 total	
Mikasa	-----	1 hit, 5 total	
Mikasa medium damage			
Asahi	-----	1 hit, 4 total	

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Turn 18                    13:60 Hrs            Real Time 08:59:01 AM 04/29/2021

REPORTS for Japanese Fleet

  Enemy Petropavlovsk class SINKS

  Apparent wind on Mikasa from SE at 15 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa	1	Tsessarevitch	5,019	2	2	
Asahi	1	Tsessarevitch	5,507	2	2	
Shikisima	3	Peresviet	6,572	2		Nisshin
Kasuga	1	Peresviet	5,085		3	
Nisshin	2	Petropavlovsk	4,931		2	Chinyen
Yakumo	1	Tsessarevitch	7,413	2	3	Nisshin/2ptsS
Kasagi	1	Askold	10,890		2	
Chitose	1	Askold	11,364		2	
Asama	1	Peresviet	2,685		4	
Hashidate	1	Askold	8,489			
Matsushima	1	Askold	8,658	S		
Chinyen	2	Retvisan	5,854	S		Tsessarevitch class
Akashi		Boiki Destroyer	5,549		3	

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)			
J-1stDiv	Mikasa	35N 54E	142	18	15	14.6	18 18
	dropped Fuji	40N 49E	135	08	08	08.6	08 --
J-1stDivA	Kasuga	37N 52E	143	16	16	16.0	20 20
J-3rdDiv	Yakumo	38N 50E	110	18	18	16.6	21 18
J-5thDiv	Asama	30N 58E	143	16	16	16.0	21 14
J-6thDiv	Akashi	25N 64E	147	16	16	15.8	20 16
J-DD1	JA 1st DD (3)(3)	40N 69E	130	30	27	24.6	30 --
J-DD2	JA 2nd DD (4)(4)	41N 70E	124	30	27	25.8	30 --
J-DD3	JA 3rd DD (3)(3)	42N 70E	121	30	27	26.0	30 --
J-DD4	JA 4th DD (4)(4)	44N 70E	120	30	27	26.0	30 --
J-DD5	JA 5th DD (4)(2)	45N 70E	120	30	27	26.0	30 --

HITS

	Heavy caliber	Medium caliber
1 Tsessarevitch class	1 hit, 9 total	
Peresviet class	1 hit, 3 total	8 hits, 21 total
1 Petropavlovsk class	0 hit, 0 total	1 hit, 1 total
Mikasa	1 hit, 6 total	

Turn 19 14:05 Hrs Real Time 08:59:52 AM 04/29/2021

REPORTS for Japanese Fleet

Enemy Peresviet class SINKS  
 JA 1st DD (3) shifts station guide to Poltava  
 JA 2nd DD (4) shifts station guide to Poltava  
 JA 3rd DD (3) shifts station guide to Poltava  
 JA 4th DD (4) shifts station guide to Poltava  
 JA 5th DD (4) shifts station guide to Poltava  
 Hashidate maximum speed reduced by flooding  
 Asama avoids collision, course 084  
 Hashidate maximum speed reduced by flooding  
 Apparent wind on Mikasa from SSE at 17 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa	1	Tsessarevitch	3,355	2		Matsushima
Asahi	2	Retvisan	3,499	2	2	Tsessarevitch class
Shikisima	2	Retvisan	5,060	2	2	Tsessarevitch class
Kasuga	3	Peresviet	4,063			Retvisan class
Nisshin	1	Petropavlovsk	3,452		6	Asahi
Yakumo	1	Petropavlovsk	4,106		6	Nisshin/2ptsS
Chitose	1	Askold	12,595			Askold class
Asama	1	Petropavlovsk	2,913	2	6	Hashidate
Hashidate	1	Askold	8,776	S		Peresviet class
Chinyen	2	Retvisan	4,576	S		Tsessarevitch class
Akashi	2	Pallada	9,190		2	Boiki Destroyer class
JA 1st DD (3)		Boiki Destroyer	8,176		7	/Range rate high

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)			
J-1stDiv	Mikasa	30N 52E	160	18	17	16.2	18 18
	dropped Fuji	39N 47E	135	08	08	08.0	08 --

J-1stDivA	--- Kasuga	-----	34N 53E	131	18	17	16.2	20	20
J-3rdDiv	---- Yakumo	-----	36N 51E	120	18	18	18.0	21	18
J-5thDiv	---- Asama	-----	28N 56E	084	16	16	16.0	21	11
J-6thDiv	---- Akashi	-----	21N 60E	180	16	16	15.8	20	16
J-DD1	----- JA 1st DD (3)(3)	-----	34N 60E	214	30	24	22.2	30	--
J-DD2	----- JA 2nd DD (4)(4)	-----	35N 61E	213	30	24	22.2	30	--
J-DD3	----- JA 3rd DD (3)(3)	-----	36N 62E	210	30	23	21.4	30	--
J-DD4	----- JA 4th DD (4)(4)	-----	37N 62E	206	30	23	21.4	30	--
J-DD5	----- JA 5th DD (4)(2)	-----	39N 63E	202	30	23	21.4	30	--

HITS

	Heavy caliber	Medium caliber
Tsessarevitch class	----- 1 hit, 10 total	
1 Retvisan class	----- 1 hit, 3 total	
1 Petropavlovsk class	----- 0 hit, 0 total	13 hits, 14 total
Mikasa	----- 1 hit, 7 total	
Asama AP shells low		
Hashidate heavy damage		
Matsushima medium damage		

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Turn 20                    14:10 Hrs            Real Time 09:00:44 AM 04/29/2021

REPORTS for Japanese Fleet

Enemy Tsesarevitch class SINKS  
 Enemy destroyer unit DISPERSED  
 Kasagi maximum speed reduced by flooding  
 Hashidate maximum speed reduced by flooding  
 Hashidate SINKS, position 24N 54E  
 Enemy Retvisan class SINKS  
 Enemy Petropavlovsk class SINKS  
 Apparent wind on Mikasa from SE at 15 knots (ahead)

TARGETING

Firing Ship	Pos. Target class	Range yds	Arc	Con	Obstruction/problem
Mikasa	-----> Retvisan	----- 1,923		3	
Asahi	-----> Retvisan	----- 2,051		3	Mikasa/2ptsP
Shikisima	-----> Retvisan	----- 2,703		3	
Kasuga	-----> 1 Peresviet	----- 2,133			Retvisan class
Nisshin	-----> Petropavlovsk	----- 3,557		2	
Yakumo	-----> Novik	----- 3,875		5	Nisshin/2ptsP
Asama	-----> Novik	----- 4,139	2	5	JA 2nd DD (4)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	---- Mikasa	----- 26N 52E	134	15 15 15.6 18 18
	dropped Fuji	----- 36N 46E	135	08 08 08.0 08 --
J-1stDivA	--- Kasuga	----- 30N 51E	156	14 13 13.0 20 20
J-3rdDiv	---- Yakumo	----- 33N 50E	156	14 13 13.0 21 18
J-5thDiv	---- Asama	----- 22N 55E	156	16 15 14.0 21 14
J-6thDiv	---- Akashi	----- 15N 59E	158	16 16 15.8 20 16
J-DD1	----- JA 1st DD (3)(3)	----- 25N 54E	202	30 27 26.6 30 --
J-DD2	----- JA 2nd DD (4)(4)	----- 26N 55E	193	30 27 26.6 30 --
J-DD3	----- JA 3rd DD (3)(3)	----- 27N 56E	202	30 28 26.8 30 --
J-DD4	----- JA 4th DD (4)(4)	----- 28N 56E	201	30 28 26.8 30 --
J-DD5	----- JA 5th DD (4)(2)	----- 29N 56E	201	30 28 26.8 30 --

HITS

	Heavy caliber	Medium caliber
1 Peresviet class	----- 1 hit, 2 total	
Asahi	----- 1 hit, 5 total	
JA 1st DD (3) heavy damage		

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Turn 21                    14:15 Hrs            Real Time 09:01:31 AM 04/29/2021

REPORTS for Japanese Fleet

Enemy Novik class SINKS  
 JA 5th DD (4) launches torpedoes and turns to E  
 Enemy Peresviet class SINKS  
 Apparent wind on Mikasa from SE at 13 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Kasuga ----->	3	Pallada -----	14,194	5		Pallada class
Yakumo ----->	3	Pallada -----	14,810	2	3	Pallada class
Asama ----->	3	Pallada -----	12,713		3	Pallada class/Range rate high

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)			
J-1stDiv ----	Mikasa -----	23N 53E	138	18	13	12.0	18 18
	dropped Fuji -----	34N 47E	135	08	08	08.0	08 --
J-1stDivA ---	Kasuga -----	26N 52E	155	20	14	12.8	20 20
J-3rdDiv ----	Yakumo -----	28N 50E	165	18	14	12.8	21 18
J-5thDiv ----	Asama -----	24N 51E	314	16	14	13.2	21 14
J-6thDiv ----	Akashi -----	17N 55E	315	16	16	13.6	20 16
J-DD1 -----	JA 1st DD (3)(1) -----	31N 54E	026	30	24	22.4	30 --
J-DD2 -----	JA 2nd DD (4)(4) -----	21N 53E	194	16	16	16.0	30 --
J-DD3 -----	JA 3rd DD (3)(3) -----	28N 53E	200	30	24	22.4	30 --
J-DD4 -----	JA 4th DD (4)(4) -----	22N 54E	209	30	24	22.4	30 --
J-DD5 -----	JA 5th DD (4)(1) -----	32N 61E	076	30	24	22.4	30 --

HITS Heavy caliber Medium caliber

Turn 22 14:20 Hrs Real Time 09:02:09 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from N at 13 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Kasuga ----->	3	Pallada -----	16,443			JA 4th DD (4)
Nisshin ----->	3	Pallada -----	16,594			Pallada class

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)			
J-1stDiv ----	Mikasa -----	23N 56E	354	16	14	12.8	18 18
	dropped Fuji -----	33N 49E	135	08	08	08.0	08 --
J-1stDivA ---	Kasuga -----	24N 54E	229	16	16	15.6	20 20
J-3rdDiv ----	Yakumo -----	24N 49E	266	16	16	15.8	21 18
J-5thDiv ----	Asama -----	25N 46E	279	16	16	15.2	21 14
J-6thDiv ----	Akashi -----	18N 50E	281	16	16	15.6	20 16
J-DD1 -----	JA 1st DD (3)(1) -----	29N 48E	233	30	22	20.4	30 --
J-DD2 -----	JA 2nd DD (4)(4) -----	17N 47E	240	30	23	19.6	30 --
J-DD3 -----	JA 3rd DD (3)(3) -----	23N 52E	200	16	16	16.0	30 --
J-DD4 -----	JA 4th DD (4)(4) -----	18N 50E	246	30	18	16.8	30 --
J-DD5 -----	JA 5th DD (4)(1) -----	30N 59E	252	30	17	15.8	30 --

HITS Heavy caliber Medium caliber

Turn 23 14:25 Hrs Real Time 09:02:43 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from SE at 14 knots (ahead)

TARGETING

Firing Ship	Pos.	Target class	Range yds	Arc	Con	Obstruction/problem
Kasuga ----->	3	Pallada -----	19,312			Pallada class/Range rate high

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)			
J-1stDiv ----	Mikasa -----	20N 58E	130	16	14	11.8	18 18
	dropped Fuji -----	31N 51E	135	08	08	08.0	08 --
J-1stDivA ---	Kasuga -----	23N 56E	130	13	13	11.0	20 20
J-3rdDiv ----	Yakumo -----	23N 52E	096	12	12	11.8	21 18
J-5thDiv ----	Asama -----	26N 49E	082	14	13	12.2	21 14
J-6thDiv ----	Akashi -----	21N 53E	021	16	16	13.6	20 16
J-DD1 -----	JA 1st DD (3)(1) -----	36N 49E	016	30	23	20.8	30 --
J-DD2 -----	JA 2nd DD (4)(4) -----	24N 49E	025	30	24	21.8	30 --
J-DD3 -----	JA 3rd DD (3)(3) -----	25N 51E	023	30	17	15.8	30 --

J-DD4 ----- JA 4th DD (4)(4) ----- 25N 52E 016 30 26 23.6 30 --  
J-DD5 ----- JA 5th DD (4)(1) ----- 36N 58E 346 30 20 17.4 30 --

HITS Heavy caliber Medium caliber

Turn 24 14:30 Hrs Real Time 09:03:17 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from SSE at 15 knots (ahead)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	Mikasa -----	16N 60E	163	16 15 14.6 18 18
	dropped Fuji -----	29N 53E	135	08 08 08.0 08 --
J-1stDivA	Kasuga -----	19N 59E	163	15 14 14.0 20 20
J-3rdDiv	Yakumo -----	21N 57E	115	18 17 15.0 21 18
J-5thDiv	Asama -----	24N 53E	112	14 14 14.0 21 14
J-6thDiv	Akashi -----	26N 55E	021	16 16 15.2 20 16
J-DD1	JA 1st DD (3)(1) -----	30N 54E	142	30 24 21.8 30 --
J-DD2	JA 2nd DD (4)(4) -----	20N 55E	126	30 22 20.4 30 --
J-DD3	JA 3rd DD (3)(3) -----	22N 56E	129	30 20 17.4 30 --
J-DD4	JA 4th DD (4)(4) -----	22N 58E	125	30 23 21.4 30 --
J-DD5	JA 5th DD (4)(1) -----	32N 63E	143	30 22 19.6 30 --

HITS Heavy caliber Medium caliber

Turn 25 14:35 Hrs Real Time 09:03:51 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from SSE at 16 knots (ahead)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	Mikasa -----	11N 63E	145	16 16 16.0 18 18
	dropped Fuji -----	27N 55E	135	08 08 08.0 08 --
J-1stDivA	Kasuga -----	14N 61E	145	16 16 15.6 20 20
J-3rdDiv	Yakumo -----	16N 59E	145	16 16 16.0 21 18
J-5thDiv	Asama -----	20N 57E	145	14 14 14.0 21 14
J-6thDiv	Akashi -----	31N 57E	021	16 16 16.0 20 16
J-DD1	JA 1st DD (3)(1) -----	25N 61E	127	30 27 26.6 30 --
J-DD2	JA 2nd DD (4)(4) -----	18N 64E	106	30 27 26.0 30 --
J-DD3	JA 3rd DD (3)(3) -----	19N 64E	107	30 27 25.0 30 --
J-DD4	JA 4th DD (4)(4) -----	19N 67E	104	30 28 26.8 30 --
J-DD5	JA 5th DD (4)(1) -----	27N 70E	123	30 27 26.0 30 --

HITS Heavy caliber Medium caliber

Turn 26 14:40 Hrs Real Time 09:04:25 AM 04/29/2021

REPORTS for Japanese Fleet

Apparent wind on Mikasa from SSE at 16 knots (ahead)

POSITIONS

Unit	Lead, screen, out of form.	Pos (in.)	Crs	Spd(ord/cur/avg /max/unit)
J-1stDiv	Mikasa -----	06N 64E	162	16 16 16.0 18 18
	dropped Fuji -----	25N 57E	135	08 08 08.0 08 --
J-1stDivA	Kasuga -----	10N 63E	162	16 16 16.0 20 20
J-3rdDiv	Yakumo -----	12N 63E	162	16 16 16.0 21 18
J-5thDiv	Asama -----	16N 60E	147	14 14 14.0 21 14
J-6thDiv	Akashi -----	27N 60E	142	16 16 13.6 20 16
J-DD1	JA 1st DD (3)(1) -----	18N 67E	140	30 29 28.2 30 --
J-DD2	JA 2nd DD (4)(4) -----	13N 71E	125	30 28 27.8 30 --
J-DD3	JA 3rd DD (3)(3) -----	14N 72E	126	30 28 27.6 30 --
J-DD4	JA 4th DD (4)(4) -----	14N 74E	125	30 28 27.4 30 --
J-DD5	JA 5th DD (4)(1) -----	20N 76E	141	30 28 27.8 30 --

HITS Heavy caliber Medium caliber