Kaba

DD JAPAN 1915 to 1928

1702-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Yokosuka Navy Yard	
Complement	92	*Beam*	25 ft	*Launched*	02/06/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	03/05/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None
Max Rg		
Eff Rg		

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW			DEPTH CHARGES			
0			Rack	0		
None			Ammo	0		

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

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Kaba

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Kaede

DD JAPAN 1915 to 1928

1707-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Maizuru Navy Yard	
Complement	92	*Beam*	25 ft	*Launched*	02/20/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	03/25/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 — 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

1

2

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None
Max Rg		
Eff Rg		

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW		
0		
None		

DEPTH CHARGES			
Rack	0		
Ammo	0		

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Kaede

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
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PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
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																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Kashiwa

DD JAPAN 1915 to 1928

1705-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Mitsubishi, Nagasaki	
Complement	92	*Beam*	25 ft	*Launched*	02/14/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	04/04/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None
Max Rg		
Eff Rg		

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW			DEPTH CHARGES			
0			Rack	0		
None			Ammo	0		

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

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Kashiwa

TIER	DP
1/70	47
2/80	94
3/75	140
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5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

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RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Katsura

DD JAPAN 1915 to 1928

1706-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Kure Navy Yard	
Complement	92	*Beam*	25 ft	*Launched*	03/04/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	03/31/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 — 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF						
16	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF2		None
Max Rg		
Eff Rg		

RF						
0	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW		
0		
None		

DEPTH CHARGES			
Rack	0		
Ammo	0		

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Katsura

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Kiri

DD JAPAN 1915 to 1928

1708-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Uraga Dock, Tokyo	
Complement	92	*Beam*	25 ft	*Launched*	20/28/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	30/22/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None
Max Rg		
Eff Rg		

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW		
0		
None		

DEPTH CHARGES			
Rack	0		
Ammo	0		

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Kiri

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Kusunoki

DD JAPAN 1915 to 1928

1712-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Kawasaki, Kobe	
Complement	92	*Beam*	25 ft	*Launched*	03/05/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	03/31/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"		5	4
Eff Rg	3,596	7.2"		8	6

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None			
Max Rg					
Eff Rg					

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None			
Max Rg					
Eff Rg					

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW		
0		
None		

DEPTH CHARGES			
Rack	0		
Ammo	0		

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Kusunoki

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Matsu

DD JAPAN 1915 to 1928

1704-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Mitsubishi, Nagasaki	
Complement	92	*Beam*	25 ft	*Launched*	03/05/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	04/06/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None
Max Rg		
Eff Rg		

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW		
0		
None		

DEPTH CHARGES			
Rack	0		
Ammo	0		

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Matsu

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating				

Flag Command Rating				

Damage Control (DCR)				
1				

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
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																				CA	Midships steady
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ILLUMINATION AND EVASION																					
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																				KX	Lay smoke
																				IS ##	Illuminate using starshell
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TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
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																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
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																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Sakaki

DD JAPAN 1915 to 1928

1709-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Sasebo Navy Yard	
Complement	92	*Beam*	25 ft	*Launched*	02/15/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	03/26/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1S2	None		COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP														
Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0			Catapult	0	

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF						
16	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA	Port	0	0	0	0	0
S	Stbd	0	0	0	0	0

RF2		None			
Max Rg					
Eff Rg					

RF						
0	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None			
Max Rg					
Eff Rg					

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW			DEPTH CHARGES			
0			Rack	0		
None			Ammo	0		

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Sakaki

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Sugi

DD JAPAN 1915 to 1928

1711-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Mitsubishi, Yokohama	
Complement	92	*Beam*	25 ft	*Launched*	02/16/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	04/07/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None
Max Rg		
Eff Rg		

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None
Max Rg		
Eff Rg		

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW		
0		
None		

DEPTH CHARGES			
Rack	0		
Ammo	0		

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Sugi

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
																				AI	Independent Action
																				AX	Battle Stations!
																				AA	Abandon ship!
																				AZ	Strike colors
COURSE AND SPEED																					
																				CA	Midships steady
																				CP #	Alter course to PORT
																				CS #	Alter course to STARBOARD
																				SF	Ahead full
																				SR#	Revolutions for # knots
																				SA	Full astern
																				SS	All stop
ILLUMINATION AND EVASION																					
																				EX	Evasive action
																				KX	Lay smoke
																				IS ##	Illuminate using starshell
																				IL #	Illuminate using searchlight
TORPEDO AND AIRCRAFT																					
																				TR (X)	Prepare to launch torpedoes to (X)
																				TL (X)	Launch torpedoes to (X)
																				VL	Prepare to launch aircraft
																				VX	Launch aircraft
PRIMARY BATTERY																					
																				B1D	Directed fire as range permits
																				B1V	Coordinated fire
																				B1L	Local control as range permits
																				B1P	Split fire
																				B1C	Change target
																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity

Ume

DD JAPAN 1915 to 1928

1710-0 KABA Class

Displacement	665 ts	*Length*	270 ft	Sasebo Navy Yard	
Complement	92	*Beam*	25 ft	*Launched*	02/27/1915
Scrapped 1931		*Draft*	7.8 ft	*Completed*	03/31/1915

SEEKRIEG 5

SHIP LOG SHEET

Version 2/19/2009

1 x 4.7"/40 QF Type 41 12

Max ROF	Range	Shell Size/Weight
6.0 sh/min	9,899 yds 19.8"	4.7" 45.0 lbs.

Fire Control	FC Radar	
1 1S2	None	+ 0

AP	SAP
COM	HE

AA	0.0	Level	S	Ammunition	100 rpg	100

FIRE CONTROL TABLE

T Kts	Short		Medium		Long		Extreme	
0 - 9	12	8	8	5	6	4	5	3
10 - 18	9	5	6	4	4	3	4	2
19 - 27	7	4	5	3	4	2	3	2
28 - 36	6	4	4	2	3	2	2	2
37 - 45	5	3	4	2	3	2	2	1

PENETRATION TABLE

CP Yds	2,000	4,000	6,000	8,000	10,000	12,000	15,000	18,000	21,000	24,000	27,000	30,000	33,000	36,000
ROF	7.4	5.7	4.4	3.5	2.8									
Rge	S	S	M	L	L									
H	0.0	0.2	0.2	0.4	0.7									
V	3.3	2.1	1.6	1.4	1.2									

Crew	Sea	BR	Targ Sz	Ops
			0	

AIRCRAFT

Aircraft	0	Catapult	0

1

2

TORPEDOES

TT	4	Ammo	4

18" Mk VII

Damage Class	F

Settings

5,000/35

6,500/29

MINES

0

RAPID FIRE BATTERIES

RF1	4	3"/40 12pdr QF			
Max Rg	7,990	16.0"	5	4	
Eff Rg	3,596	7.2"	8	6	

RF 16						
	Port	2	2	1	1	0
	Stbd	2	2	1	1	0
AA S	Port	0	0	0	0	0
	Stbd	0	0	0	0	0

RF2		None			
Max Rg					
Eff Rg					

RF 0						
	Port					
	Stbd					
AA	Port					
	Stbd					

RF3		None			
Max Rg					
Eff Rg					

RF						
	Port					
	Stbd					
AA	Port					
	Stbd					

Captain	

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RNDS	HITS

Coal (ts)	100	Oil (ts)	137
Engines	VTE		
Boilers	4 Kampon		

Radius (nm/kts)	
1600	15

Search Radar
None
None

ASW MORTARS/ATW			DEPTH CHARGES			
0			Rack	0		
None			Ammo	0		

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Ume

TIER	DP
1/70	47
2/80	94
3/75	140
4/85	187
5/80	234
6/90	276
7/85	318
8/95	360
9/90	402
10	445
10	473

DP	468
KTS	30

Engine Rm	2	30	17	0	0	0	0
Prop/Shaft	3	30	23	7	0	0	0
Boiler Rm	3	30	25	11	0	0	0
			0	0	0	0	0

Standard Turn	
120	
Emergency Turn	
150	

Target Sz	
0	
Searchlights	
Port	Stbd

Speed	00-07 kt	08-12 kt	13-16 kt	17-19 kt	20+ kt	
Increase	8.0	6.0	4.0	2.0	1.0	

Crew

Bridge Command Rating	Flag Command Rating	Damage Control (DCR)
		1

Fuel Code	DD1A

ARMOR	1.00	Actual
1H DECK	0.0	0.0
2H TURRET	0.0	0.0
3H SUPERSTR	0.0	0.0
4V CON	0.0	0.0
5V BELT MID	0.0	0.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.0	0.0

T#	DE #	SEVERITY	DESCRIPTION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	CODE	ORDER
																				AF	Obey signals from Flagship
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																				B1D	Directed fire as range permits
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																				B1B	Barrage fire as range permits
RF BATTERY																					
																				R5B	Barrage fire as range permits
																				R6B	Barrage fire as range permits
																				R7B	Barrage fire as range permits

LOSS OF SPEED DURING TURNS

KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
STD	3.0	4.5	6.0	7.5	9.0	10.5	12.0	13.5	15.0	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0	28.5	30.0
E/EA	NA	NA	NA	NA	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0

TURNING SEGMENTS

DEG OF TURN	SEGMENTS
TO 15	2 Segments*
16 TO 45	2 Segments
46 TO 90	3 Segments
91 TO 135	4 Segments
136 TO 180	5 Segments

SHIPBOARD FIRE TRACKING

T#	Fire	Current Severity					T#	Fire	Current Severity				

FIGHTING SHIPBOARD FIRES

NO DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-03	-20 from severity
04-12	-10 from severity
13-50	No change
51-85	+10 to severity
86-95	+30 to severity
96-00	+40 to severity

DAMAGE CONTROL	
ROLL	EFECT ON FIRE
01-05	Fire extinguished
06-15	-30 from severity
16-45	-20 from severity
46-75	-10 from severity
76-90	No change
91-00	+10 to severity