

Tatsuta

CL JAPAN

2062-0 TENRYU Class

1919 to 1930

Displacement
Complement
Sunk 03/13/1944

3,230 ts

| Length

458 ft

Sasebo Naval Yard Navy Yard

Beam

40 ft

Launched	05/29/1918
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Draft

13 ft

Completed	03/31/1919
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SEEKRIEG 5

SHIP LOG SHEET

Version

2/18/2009

	 	
	 	

4 x 14cm/50 Type 3

15

Max ROF	Range	Shell Size/Weight
8.0 sh/min	17,583 yds 35.2"	5.5" 83.8 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1Q2	None		COM	HE

AA	2.8	Level	S	Ammunition	150 rpg	600
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CPC		PENETRATION TABLE												
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	7.8	6.7	5.7	4.8	4.1	3.4	2.7	2.2						
Rge	S	S	S	M	M	M	L	L						
H	0.1	0.2	0.3	0.4	0.5	0.6	1.0	1.5						
V	6.1	5.0	4.0	3.1	2.4	2.0	1.6	1.5						

FIRE CONTROL TABLE							
T Kts	Short		Medium		Long		Extreme
0 - 9	14	9	9	6	7	4	6 4
10 - 18	10	6	7	4	5	3	4 3
19 - 27	8	5	5	3	4	3	3 2
28 - 36	7	4	5	3	3	2	3 2
37 - 45	6	4	4	3	3	2	3 2

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	
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1 2	TORPEDOES			
	TT	6	Ammo	6
	53cm Type 6			
	Damage Class			E
	Settings			
	7,600/36			
	11,000/32			
	17,000/27			
	MINES			
	48			

RAPID FIRE BATTERIES

RF1	1	8cm/40 Type 3			
Max Rg	11,800	23.6"	7	5	
Eff Rg	5,310	10.6"	11	8	

RF	Port	1	0	0	0	0
18	Stbd	1	0	0	0	0

AA	Port	1	1	1	0	0
H	Stbd	1	1	1	0	0

RF2		None	
Max Rg			
Eff Rg			

RF	Port				
0	Stbd				

AA	Port					
	Stbd					

RF3		None	
Max Rg			
Eff Rg			

RF	Port					
	Stbd					

AA	Port					
	Stbd					

Captain	
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[illegible]

Coal (ts)	150	Oil (ts)	920	Radius (nm/kts)		Search Radar		ASW MORTARS/ATW			DEPTH CHARGES		
Engines	Brown-Curtis Geared turbine			5000	14	None		0			Rack	0	
Boilers	10 Kampon			1250	31	None		None			Ammo	0	

Fuel Code	CS3C	
ARMOR	0.82	Actual
1H DECK	1.2	1.5
2H TURRET	0.0	0.0
3H SUPERSTR	0.3	0.4
4V CON	0.0	0.0
5V BELT MID	1.6	2.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.3	0.4

[illegible]



Tatsuta

CL JAPAN

2062-1 TENRYU Class

1931 to 1941

Displacement
Complement
Sunk 03/13/1944

3,230 ts
327

Length
Beam
Draft

458 ft
40 ft
13 ft

Sasebo Naval Yard Navy Yard
Launched 05/29/1918
Completed 03/31/1919



SHIP LOG SHEET

Version 2/18/2009

4 x 14cm/50 Type 3

15

Max ROF

8.0 sh/min

Range

17,583 yds 35.2"

Shell Size/Weight

5.5" 83.8 lbs.

Fire Control

1 1J2

FC Radar

+ 0

AP

SAP

COM

HE

AA

2.8

Level

S

Ammunition

150 rpg

600

CPC

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

7.8

6.7

5.7

4.8

4.1

3.4

2.7

2.2

Rge

S

S

S

M

M

M

L

L

H

0.1

0.2

0.3

0.4

0.5

0.6

1.0

1.5

V

6.1

5.0

4.0

3.1

2.4

2.0

1.6

1.5

FIRE CONTROL TABLE

T Kts

Short

Medium

Long

Extreme

0 - 9

19

12

14

9

11

7

9

6

10 - 18

13

8

10

6

8

5

7

4

19 - 27

11

7

8

5

6

4

5

3

28 - 36

9

6

7

4

5

3

5

3

37 - 45

8

5

6

4

5

3

4

3

Crew

Sea

BR

Targ Sz

Ops

1

AIRCRAFT

Aircraft

0

Catapult

0

1

2

TORPEDOES

TT

6

Ammo

6

53cm Type 6

Damage Class

E

Settings

7,600/36

11,000/32

17,000/27

MINES

48

RAPID FIRE BATTERIES

RF1

1

8cm/40 Type 3

Max Rg

11,800

23.6"

7

5

Eff Rg

5,310

10.6"

11

8

RF

Port

1

0

0

0

0

18

Stbd

1

0

0

0

0

AA

Port

1

1

1

0

0

H

Stbd

1

1

1

0

0

RF2

None

Max Rg

Eff Rg

RF

Port

0

Stbd

AA

Port

Stbd

RF3

None

Max Rg

Eff Rg

RF

Port

Stbd

AA

Port

Stbd

Coal (ts)	150	Oil (ts)	920	Radius (nm/mts)	Search Radar	ASW MORTARS/ATW	DEPTH CHARGES
Engines	Brown-Curtis Geared turbine			5000 14	None	0	Rack 0
Boilers	10 Kampon			1250 31	None	None	Ammo 0

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Fuel Code	CS3C	
ARMOR	0.82	Actual
1H DECK	1.2	1.5
2H TURRET	0.0	0.0
3H SUPERSTR	0.3	0.4
4V CON	0.0	0.0
5V BELT MID	1.6	2.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.3	0.4

LOSS OF SPEED DURING TURNS																				TURNING SEGMENTS	
KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	DEG OF TURN	SEGMENTS
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	TO 15	2 Segments*
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	16 TO 45	2 Segments
SHIPBOARD FIRE TRACKING																				46 TO 90	3 Segments
																				91 TO 135	4 Segments
																				136 TO 180	5 Segments

FIGHTING SHIPBOARD FIRES			
NO DAMAGE CONTROL		DAMAGE CONTROL	
ROLL	EFFECT ON FIRE	ROLL	EFFECT ON FIRE
01-03	-20 from severity	01-05	Fire extinguished
04-12	-10 from severity	06-15	-30 from severity
13-50	No change	16-45	-20 from severity
51-85	+10 to severity	46-75	-10 from severity
86-95	+30 to severity	76-90	No change
96-00	+40 to severity	91-00	+10 to severity

Tatsuta

CL JAPAN

2062-2 TENRYU Class

1942 to 1944

Displacement
Complement
Sunk 03/13/1944

3,230 ts
327

<i>Length</i>	458 ft
<i>Beam</i>	40 ft
<i>Draft</i>	13 ft

Sasebo Naval Yard Navy Yard	
<i>Launched</i>	05/29/1918
<i>Completed</i>	03/31/1919

SEEKRIEG 5

SHIP LOG SHEET

Version 2/18/2009

	 	
	 	

4 x 14cm/50 Type 3

15

Max ROF	Range	Shell Size/Weight
8.0 sh/min	17,583 yds 35.2"	5.5" 83.8 lbs.

Fire Control			FC Radar	+ 0	AP	SAP
1		1J2	None		COM	HE

AA	2.8	Level	S	Ammunition	150 rpg	600
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CPC		PENETRATION TABLE												
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	7.8	6.7	5.7	4.8	4.1	3.4	2.7	2.2						
Rge	S	S	S	M	M	M	L	L						
H	0.1	0.2	0.3	0.4	0.5	0.6	1.0	1.5						
V	6.1	5.0	4.0	3.1	2.4	2.0	1.6	1.5						

T Kts	Short	Medium	Long	Extreme
0 - 9	19 12	14 9	11 7	9 6
10 - 18	13 8	10 6	8 5	7 4
19 - 27	11 7	8 5	6 4	5 3
28 - 36	9 6	7 4	5 3	5 3
37 - 45	8 5	6 4	5 3	4 3

Crew	Sea	BR	Targ Sz	Ops
			1	

AIRCRAFT

Aircraft	0			Catapult	0	
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[illegible]

RAPID FIRE BATTERIES

RF1	1	8cm/40 Type 3			
Max Rg	11,800	23.6"	7	5	
Eff Rg	5,310	10.6"	11	8	

RF	Port	1	0	0	0	0
18	Stbd	1	0	0	0	0

AA	Port	1	1	1	0	0
H	Stbd	1	1	1	0	0

RF2		None	
Max Rg			
Eff Rg			

RF	Port				
0	Stbd				

AA	Port					
	Stbd					

RF3		None	
Max Rg			
Eff Rg			

RF	Port				
	Stbd				

AA	Port					
	Stbd					

Captain	
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T#	BTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RND	HITS
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[illegible]

Coal (ts)	150	Oil (ts)	920	Radius (nm/kts)		Search Radar		ASW MORTARS/ATW			DEPTH CHARGES			
Engines	Brown-Curtis Geared turbine			5000	14	None		0			Rack	0		
Boilers	10 Kampon			1250	31	None		None			Ammo	0		

Fuel Code	CS3C	
ARMOR	0.82	Actual
1H DECK	1.2	1.5
2H TURRET	0.0	0.0
3H SUPERSTR	0.3	0.4
4V CON	0.0	0.0
5V BELT MID	1.6	2.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.3	0.4

LOSS OF SPEED DURING TURNS																				TURNING SEGMENTS	
KTS	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	DEG OF TURN	SEGMENTS
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	TO 15	2 Segments*
E/EA	NA	NA	NA	NA	NA	6.0	7.0	8.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	16 TO 45	2 Segments
SHIPBOARD FIRE TRACKING																				46 TO 90	3 Segments
																				91 TO 135	4 Segments
																				136 TO 180	5 Segments

[illegible]

FIGHTING SHIPBOARD FIRES			
NO DAMAGE CONTROL		DAMAGE CONTROL	
ROLL	EFFECT ON FIRE	ROLL	EFFECT ON FIRE
01-03	-20 from severity	01-05	Fire extinguished
04-12	-10 from severity	06-15	-30 from severity
13-50	No change	16-45	-20 from severity
51-85	+10 to severity	46-75	-10 from severity
86-95	+30 to severity	76-90	No change
96-00	+40 to severity	91-00	+10 to severity



Tenryu
CL JAPAN
2730-0 TENRYU Class

1919 to 1930

Displacement
Complement
Sunk 12/18/1942

3,230 ts
327

Length
Beam
Draft

458 ft
40 ft
13 ft

Yokosuka Navy Yard
Launched 03/11/1918
Completed 11/20/1919



SHIP LOG SHEET

Version 2/18/2009

4 x 14cm/50 Type 3

15

Max ROF

8.0 sh/min

Range

17,583 yds 35.2"

Shell Size/Weight

5.5" 83.8 lbs.

Fire Control

1 1Q2

FC Radar

+ 0

AP

SAP

COM

HE

AA

2.8

Level

S

Ammunition

150 rpg

600

CPC

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

7.8

6.7

5.7

4.8

4.1

3.4

2.7

2.2

Rge

S

S

S

M

M

M

L

L

H

0.1

0.2

0.3

0.4

0.5

0.6

1.0

1.5

V

6.1

5.0

4.0

3.1

2.4

2.0

1.6

1.5

FIRE CONTROL TABLE

T Kts

Short

Medium

Long

Extreme

0 - 9

14

9

9

6

7

4

6

4

10 - 18

10

6

7

4

5

3

4

3

19 - 27

8

5

5

3

4

3

3

2

28 - 36

7

4

5

3

3

2

3

2

37 - 45

6

4

4

3

3

2

3

2

Crew

Sea

BR

Targ Sz

Ops

1

AIRCRAFT

Aircraft

0

Catapult

0

1

2

TORPEDOES

TT

6

Ammo

6

53cm Type 6

Damage Class

E

Settings

7,600/36

11,000/32

17,000/27

MINES

48

RAPID FIRE BATTERIES

RF1

1

8cm/40 Type 3

Max Rg

11,800

23.6"

7

5

Eff Rg

5,310

10.6"

11

8

RF

Port

1

0

0

0

0

18

Stbd

1

0

0

0

0

AA

Port

1

1

1

0

0

H

Stbd

1

1

1

0

0

RF2

None

Max Rg

Eff Rg

RF

Port

0

Stbd

AA

Port

Stbd

RF3

None

Max Rg

Eff Rg

RF

Port

Stbd

AA

Port

Stbd

Coal (ts)	150	Oil (ts)	920	Radius (nm/mts)	Search Radar	ASW MORTARS/ATW	DEPTH CHARGES
Engines	Brown-Curtis Geared turbine			5000 14	None	0	Rack 0
Boilers	10 Kampon			1250 31	None	None	Ammo 0

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Fuel Code	CS3C	
ARMOR	0.82	Actual
1H DECK	1.2	1.5
2H TURRET	0.0	0.0
3H SUPERSTR	0.3	0.4
4V CON	0.0	0.0
5V BELT MID	1.6	2.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.3	0.4

Tenryu

[illegible]



Tenryu
CL JAPAN
2730-1 TENRYU Class

1931 to 1941

Displacement
Complement
Sunk 12/18/1942

3,230 ts
327

Length
Beam
Draft

458 ft
40 ft
13 ft

Yokosuka Navy Yard
Launched 03/11/1918
Completed 11/20/1919



SHIP LOG SHEET
Version 2/18/2009

4 x 14cm/50 Type 3

15

Max ROF

8.0 sh/min

Range

17,583 yds 35.2"

Shell Size/Weight

5.5" 83.8 lbs.

Fire Control

1 1J2

FC Radar

+ 0

AP

SAP

COM

HE

AA

2.8

Level

S

Ammunition

150 rpg

600

CPC

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

7.8

6.7

5.7

4.8

4.1

3.4

2.7

2.2

Rge

S

S

S

M

M

M

L

L

H

0.1

0.2

0.3

0.4

0.5

0.6

1.0

1.5

V

6.1

5.0

4.0

3.1

2.4

2.0

1.6

1.5

FIRE CONTROL TABLE

T Kts

Short

Medium

Long

Extreme

0 - 9

19

12

14

9

11

7

9

6

10 - 18

13

8

10

6

8

5

7

4

19 - 27

11

7

8

5

6

4

5

3

28 - 36

9

6

7

4

5

3

5

3

37 - 45

8

5

6

4

5

3

4

3

Crew

Sea

BR

Targ Sz

Ops

1

AIRCRAFT

Aircraft

0

Catapult

0

1

2

TORPEDOES

TT

6

Ammo

6

53cm Type 6

Damage Class

E

Settings

7,600/36

11,000/32

17,000/27

MINES

48

RAPID FIRE BATTERIES

RF1

1

8cm/40 Type 3

Max Rg

11,800

23.6"

7

5

Eff Rg

5,310

10.6"

11

8

RF

Port

1

0

0

0

0

18

Stbd

1

0

0

0

0

AA

Port

1

1

1

0

0

H

Stbd

1

1

1

0

0

RF2

None

Max Rg

Eff Rg

RF

Port

0

Stbd

AA

Port

Stbd

RF3

None

Max Rg

Eff Rg

RF

Port

Stbd

AA

Port

Stbd

Coal (ts)	150	Oil (ts)	920	Radius (nm/mts)	Search Radar	ASW MORTARS/ATW	DEPTH CHARGES
Engines	Brown-Curtis Geared turbine			5000 14	None	0	Rack 0
Boilers	10 Kampon			1250 31	None	None	Ammo 0

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Fuel Code	CS3C	
ARMOR	0.82	Actual
1H DECK	1.2	1.5
2H TURRET	0.0	0.0
3H SUPERSTR	0.3	0.4
4V CON	0.0	0.0
5V BELT MID	1.6	2.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.3	0.4

Tenryu

[illegible]



Tenryu
CL JAPAN
2730-2 TENRYU Class

1942 to 1942

Displacement
Complement
Sunk 12/18/1942

3,230 ts
327

Length
Beam
Draft

458 ft
40 ft
13 ft

Yokosuka Navy Yard
Launched 03/11/1918
Completed 11/20/1919



SHIP LOG SHEET
Version 2/18/2009

4 x 14cm/50 Type 3

15

Max ROF

8.0 sh/min

Range

17,583 yds 35.2"

Shell Size/Weight

5.5" 83.8 lbs.

Fire Control

1 1J2

FC Radar

+ 0

AP

SAP

COM

HE

AA

2.8

Level

S

Ammunition

150 rpg

600

CPC

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

7.8

6.7

5.7

4.8

4.1

3.4

2.7

2.2

Rge

S

S

S

M

M

M

L

L

H

0.1

0.2

0.3

0.4

0.5

0.6

1.0

1.5

V

6.1

5.0

4.0

3.1

2.4

2.0

1.6

1.5

FIRE CONTROL TABLE

T Kts

Short

Medium

Long

Extreme

0 - 9

19

12

14

9

11

7

9

6

10 - 18

13

8

10

6

8

5

7

4

19 - 27

11

7

8

5

6

4

5

3

28 - 36

9

6

7

4

5

3

5

3

37 - 45

8

5

6

4

5

3

4

3

Crew

Sea

BR

Targ Sz

Ops

1

AIRCRAFT

Aircraft

0

Catapult

0

1

2

TORPEDOES

TT

6

Ammo

6

53cm Type 6

Damage Class

E

Settings

7,600/36

11,000/32

17,000/27

MINES

48

RAPID FIRE BATTERIES

RF1

10

25mm/60 Type 96

Max Rg

7,440

14.9"

7

5

Eff Rg

3,348

6.7"

11

8

RF

Port

5

4

3

2

1

5

Stbd

5

4

3

2

1

AA

Port

20

16

11

7

3

M

Stbd

20

16

11

7

3

RF2

8

25mm/60 Type 96

Max Rg

7,440

14.9"

7

5

Eff Rg

3,348

6.7"

11

8

RF

Port

4

3

2

1

1

5

Stbd

4

3

2

1

1

AA

Port

16

13

9

5

2

M

Stbd

16

13

9

5

2

RF3

None

Max Rg

Eff Rg

RF

Port

Stbd

AA

Port

Stbd

Coal (ts)	150	Oil (ts)	920	Radius (nm/mts)	Search Radar	ASW MORTARS/ATW	DEPTH CHARGES
Engines	Brown-Curtis Geared turbine			5000 14	None	0	Rack 0
Boilers	10 Kampon			1250 31	None	None	Ammo 0

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Fuel Code	CS3C	
ARMOR	0.82	Actual
1H DECK	1.2	1.5
2H TURRET	0.0	0.0
3H SUPERSTR	0.3	0.4
4V CON	0.0	0.0
5V BELT MID	1.6	2.0
6V BELT END	0.0	0.0
7V BARBETTE	0.0	0.0
8V TURRET	0.0	0.0
9V SUPERSTR	0.3	0.4

Tenryu

[illegible]