



# Hosho

CV JAPAN  
2737-0 HOSHO Class

1923 to 1926

Displacement  
Complement  
Scrapped 1947

7,470 ts  
550

Length 541 ft  
Beam 59 ft  
Draft 20.3 ft

Ansano SB, Tsurumi  
Launched 11/13/1921  
Completed 12/27/1922



## SHIP LOG SHEET

Version 2/14/2009



4 x 14cm/50 Type 3

15

### FIRE CONTROL TABLE

Max ROF 7.0 sh/min		Range 19,395 yds 38.8"		Shell Size/Weight 5.5" 83.8 lbs.	
Fire Control 1 1J2		FC Radar None		AP SAP COM HE	
+ 0		AA 3 Level S		Ammunition 120 rpg 480	

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

### 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
ROF	7.8	6.7	5.7	4.8	4.1	3.4	2.7	2.2	1.9				
Rge	S	S	S	M	M	M	L	L	E				
H	0.1	0.2	0.3	0.4	0.5	0.6	1.0	1.6	1.9				
V	6.1	5.0	4.0	3.1	2.4	2.0	1.6	1.5	1.5				

Crew	Sea	BR	Targ Sz	Ops
			1	

AIR OPERATIONS		
Launch	Recover	Rearm/Refuel

AIR GROUP	
Aircraft	Catapult
21	0

CRUISE	MAX	A / D	CEILING
RANGE	LOAD		ENDR

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RANGE	LOAD		ENDR

Captain \_\_\_\_\_

T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RND5	HITS

### RAPID FIRE BATTERIES

8cm/40 Type 3										None				None							
RF5		2		Max Rg		11,800		23.6"		7		5		RF6		None		RF7		None	
Eff Rg		5,310		10.6"		11		8													
RF	Port	1	1	1	0	0	RF	Port						RF	Port						
18	Stbd	1	1	1	0	0	0	Stbd						Stbd							
AA	Port	2	2	1	1	0	AA	Port						AA	Port						
H	Stbd	2	2	1	1	0		Stbd							Stbd						

Coal (ts)	940	Oil (ts)	2700	Radius (nm/mts)		Search Radar		Fuel Code		CV2C
Engines	Parsons GT			8000	15	None				
Boilers	12 Kampon					None				

TIER DP DP 1570 1/70 157 2/80 314 3/75 471 4/85 628 5/80 785 6/90 926 7/85 1068 8/95 1209 9/90 1350 10 1492 10 1586

ARMOR 0.83 Actual 1H FLIGHT DECK 0.0 4V CON 0.0 5V BELT MID 0.0 6V BELT END 0.0 7V HANGAR 0.0 9V SUPERSTR 0.0

T# DE # SEVERITY DESCRIPTION

1-20 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 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



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2737-1 HOSHO Class

1926 to 1941

Displacement  
Complement  
Scrapped 1947

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550

Length 541 ft  
Beam 59 ft  
Draft 20.3 ft

Ansano SB, Tsurumi  
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**SHIP LOG SHEET**

Version 2/14/2009



4 x 14cm/50 Type 3

15

<b>Max ROF</b> 7.0 sh/min	<b>Range</b> 19,395 yds 38.8"	<b>Shell Size/Weight</b> 5.5" 83.8 lbs.
<b>Fire Control</b> 1 1J2		<b>FC Radar</b> +0 None
<b>AA</b> 3	<b>Level</b> S	<b>Ammunition</b> 120 rpg 480
AP	SAP	COM
HE	HE	

**FIRE CONTROL TABLE**

T Kts	Short			Medium			Long			Extreme
0-9	19	12	14	9	11	7	9	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		

**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
<b>ROF</b>	7.8	6.7	5.7	4.8	4.1	3.4	2.7	2.2	1.9				
<b>Rge</b>	S	S	S	M	M	M	L	L	E				
<b>H</b>	0.1	0.2	0.3	0.4	0.5	0.6	1.0	1.6	1.9				
<b>V</b>	6.1	5.0	4.0	3.1	2.4	2.0	1.6	1.5	1.5				

<b>Crew</b>	<b>Sea</b>	<b>BR</b>	<b>Targ Sz</b>	<b>Ops</b>
			1	

**AIR OPERATIONS**

<b>Launch</b>	<b>Recover</b>	<b>Rearm/Refuel</b>

**AIR GROUP**

<b>Aircraft</b> 15	<b>Catapult</b> 0
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**VF 9 Plover**

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
105 kts	123 kts	2 0 23	23000 ft
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	
220 nm	None	126	

**VO 3 Fa IIID**

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
87 kts	92 kts	1 1 19	16500 ft
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	
475 nm	None	328	

**VA 3 B1M-1 Type 13-1**

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
90 kts	113 kts	0 1 22	14760 ft
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	
230 nm	TP: 1x17.7"	153	
230 nm	BB: 2x240 kg.	153	

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	

**0**

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	

**Captain**

T#	BTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RND	HITS

**RAPID FIRE BATTERIES**

<b>RF5</b> 2	<b>8cm/40 Type 3</b>					<b>RF6</b>	None					<b>RF7</b>	None										
Max Rg	11,800	23.6"	7	5		Max Rg						Max Rg											
Eff Rg	5,310	10.6"	11	8		Eff Rg						Eff Rg											
<b>RF</b>	Port	1	1	1	0	0	<b>RF</b>	Port							<b>RF</b>	Port							
<b>18</b>	Stbd	1	1	1	0	0	<b>0</b>	Stbd								Stbd							
<b>AA</b>	Port	2	2	1	1	0	<b>AA</b>	Port							<b>AA</b>	Port							
<b>H</b>	Stbd	2	2	1	1	0		Stbd								Stbd							

<b>Coal (ts)</b> 940	<b>Oil (ts)</b> 2700	<b>Radius (nm/kts)</b>	<b>Search Radar</b>	<b>Fuel Code</b>	CV2C
<b>Engines</b>	Parsons GT	8000 15	None		
<b>Boilers</b>	12 Kampon		None		

TIER	DP	DP	1570																	
1/70	157	KTS	25																	
2/80	314	Engine Rm	2	25	14	0	0	0	0	Standard Turn	Target Sz									
3/75	471	Prop/Shaft	2	25	13	0	0	0	0	60	1									
4/85	628	Boiler Rm	3	25	21	9	0	0	0	Emergency Turn	Searchlights									
5/80	785									90	Port	Stbd								
6/90	926				0	0	0	0	0											
7/85	1068	Speed	00-19 kt	20+ kt							Crew									
8/95	1209	Increase	3.0	1.0																
9/90	1350																			
10	1492	Bridge Command Rating								Flag Command Rating	Damage Control (DCR)									
10	1586										4									

ARMOR	0.83	Actual
1H FLIGHT DECK	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 HANGAR	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	
																					<b>AF</b>	Obey signals from Flagship
																					<b>AI</b>	Independent Action
																					<b>AX</b>	Battle Stations!
																					<b>AA</b>	Abandon ship!
																					<b>AZ</b>	Strike colors
<b>COURSE AND SPEED</b>																						
																					<b>CA</b>	Midships steady
																					<b>CP #</b>	Alter course to PORT
																					<b>CS #</b>	Alter course to STARBOARD
																					<b>SF</b>	Ahead full
																					<b>SR#</b>	Revolutions for # knots
																					<b>SA</b>	Full astern
																					<b>SS</b>	All stop
<b>ILLUMINATION AND EVASION</b>																						
																					<b>EX</b>	Evasive action
																					<b>KX</b>	Lay smoke
																					<b>IS ##</b>	Illuminate using starshell
																					<b>IL #</b>	Illuminate using searchlight
<b>TORPEDO AND AIRCRAFT</b>																						
																					<b>TR (X)</b>	Prepare to launch torpedoes to (X)
																					<b>TL (X)</b>	Launch torpedoes to (X)
																					<b>VL</b>	Prepare to launch aircraft
																					<b>VX</b>	Launch aircraft
<b>PRIMARY BATTERY</b>																						
																					<b>B1D</b>	Directed fire as range permits
																					<b>B1V</b>	Coordinated fire
																					<b>B1L</b>	Local control as range permits
																					<b>B1P</b>	Split fire
																					<b>B1C</b>	Change target
																					<b>B1B</b>	Barrage fire as range permits
<b>RF BATTERY</b>																						
																					<b>R5B</b>	Barrage fire as range permits
																					<b>R6B</b>	Barrage fire as range permits
																					<b>R7B</b>	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
<b>STD</b>	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
<b>E/EA</b>	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		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







**Hosho**  
CV JAPAN  
2737-3 HOSHO Class

1942 to 1945

Displacement  
Complement  
Scrapped 1947

7,470 ts  
550

Length 541 ft  
Beam 59 ft  
Draft 20.3 ft

Ansano SB, Tsurumi  
Launched 11/13/1921  
Completed 12/27/1922



**SHIP LOG SHEET**

Version 2/14/2009



4 x 14cm/50 Type 3

15

**FIRE CONTROL TABLE**

<b>Max ROF</b> 7.0 sh/min		<b>Range</b> 19,395 yds 38.8"		<b>Shell Size/Weight</b> 5.5" 83.8 lbs.	
<b>Fire Control</b> 1 1J2		<b>FC Radar</b> +0 None		<b>AP</b> SAP COM HE	
<b>AA</b> 3		<b>Level</b> S		<b>Ammunition</b> 120 rpg 480	

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

**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
<b>ROF</b>	7.8	6.7	5.7	4.8	4.1	3.4	2.7	2.2	1.9				
<b>Rge</b>	S	S	S	M	M	M	L	L	E				
<b>H</b>	0.1	0.2	0.3	0.4	0.5	0.6	1.0	1.6	1.9				
<b>V</b>	6.1	5.0	4.0	3.1	2.4	2.0	1.6	1.5	1.5				

<b>Crew</b>	<b>Sea</b>	<b>BR</b>	<b>Targ Sz</b>	<b>Ops</b>
			1	

**AIR OPERATIONS**

<b>Launch</b>	<b>Recover</b>	<b>Rearm/Refuel</b>

**AIR GROUP**

<b>Aircraft</b> 8	<b>Catapult</b> 0
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<b>VT</b>	<b>8</b>	<b>B5N-2 Kate</b>	
<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
140 kts	204 kts	0 1 31	27100 ft
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	
530 nm	TP: 1x17.7"	227	
530 nm	BB: 800 kgs.	227	
1075 nm	None	461	

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	

<b>CRUISE</b>	<b>MAX</b>	<b>A / D</b>	<b>CEILING</b>
<b>RANGE</b>	<b>LOAD</b>	<b>ENDR</b>	

<b>Captain</b>	
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T#	BTTY	TARGET SHIP	SHELL	FCS	BR	H	RANGE	R	#RND5	HITS

<b>RAPID FIRE BATTERIES</b>														
<b>RF5</b> 8	<b>25mm/60 Type 96</b>						<b>RF6</b>	<b>None</b>				<b>RF7</b>	<b>None</b>	
Max Rg	7,440	14.9"	7	5			Max Rg							
Eff Rg	3,348	6.7"	11	8			Eff Rg							
<b>RF</b>	<b>Port</b>	4	3	2	1	1	<b>RF</b>	<b>Port</b>						
<b>5</b>	<b>Stbd</b>	4	3	2	1	1	<b>0</b>	<b>Stbd</b>						
<b>AA</b>	<b>Port</b>	16	13	9	5	2	<b>AA</b>	<b>Port</b>						
<b>M</b>	<b>Stbd</b>	16	13	9	5	2		<b>Stbd</b>						

<b>Coal (ts)</b> 940	<b>Oil (ts)</b> 2700	<b>Radius (nm/kts)</b>	<b>Search Radar</b>	<b>Fuel Code</b> CV2C
<b>Engines</b> Parsons GT		8000	15	None
<b>Boilers</b> 12 Kampon				None

