

**BALIKPAPAN**

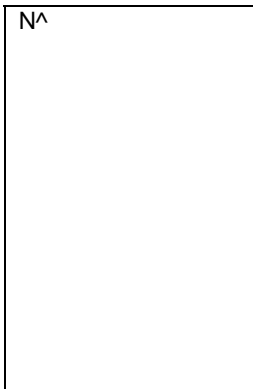
**0230 24 January 1942**

Background: As the Japanese swept south, the ABDA (American-British-Dutch-Australia) forces tried to stop or delay them. When the Japanese launched a landing at the Borneo oil station of Balikpapan, ABDA sent four old American destroyers to strike the Japanese transports.

Forces:

United States Navy Commander Paul H. Talbot	Division 1:	John Paul Jones John D. Ford	(Clemson -- flag) (Clemson)
	Division 2:	Parrott Pope	(Clemson -- flag) (Clemson)

IJN: (Rear Admiral Shoji Nishimura)  
 Nihon Kaigun Independent Ships: PC-36 (ex-Momi)  
 Rear Admiral Nishimura PC-38 (ex-Momi)  
 Shoji  
 Plus 12 medium merchantman transports



The coast of Borneo runs down the west edge of the playing surface. There are 12 Japanese transports anchored in two rows parallel to the west edge. The innermost line of 6 transports runs south from a line 10 inches from the west edge and 15 inches from the north edge. The ships are oriented east-west, with 2 inches separating each ship. The second line is directly east of the first, with 4 inches separating the lines. These ships will remain stationary for the duration of the scenario.

The south edge is the USN friendly edge. The north edge is the IJN friendly edge.

PC-38 begins on a course of 180 degrees (due south), 4 inches east of the southernmost transport of the east column. PC-36 begins on a course of 90 (due east) 7 inches south of the transports and 12 inches east of the western edge.

The USN destroyers are steaming in line on a course of 270 degrees. They begin 25 inches from the west edge and 20 inches from the north edge.

Victory Conditions:

- a) 2 points for each transport or destroyer sunk,
- b) 1 point for each destroyer sunk.

Special Rules:

1. The Japanese escort forces may put in an appearance. Whenever the Japanese player rolls a 1 on 1D6 at the start of the Movement Plotting phase, he may place an inverted ship counter on the playing surface anywhere at least 25 inches from the west edge and at least 10 inches from any American ship. The counter moves as a regular ship counter. When it either approaches close enough to the American formation to be spotted or the Japanese player desires to use its weapons, the Japanese player rolls 1D6 to determine the ships actually in the formation, using the following table:
 

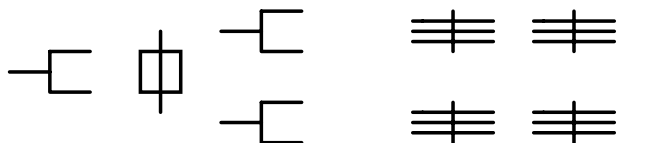
Die Roll:	Result:
1,2	No ships
3,4	2 destroyers
5	3 destroyers
6	2 destroyers and 1 light cruiser
2. If Japanese destroyers appear, they will appear in this order: Yudachi, Harusame, Samidare (all Shiratsuyus), Asagumo, Natsugumo, Minegumo (all Asashios). The cruiser will be the Naka (Sendai class), and will be the flagship of any formation in which it appears. All ships will appear in line ahead formation.
3. The American ships may not use starshell.
4. No ships have radar.
5. The visibility base is 3 and the level is -10 -- a dark night further obscured by smoke from the burning oil refineries at Balikpapan.

Outcome: Although a powerful Japanese escort force was present, it was away hunting Dutch submarines when the American destroyers struck. The old destroyers swept up and down the transport lines, peppering the Japanese ships with torpedoes and gunfire. When the DDs withdrew, three transports were sunk or sinking.

# Clemson/Wickes

<u>Navy Class</u>	United States Navy Destroyer	<u>Date</u>	1941
		<u>Armor</u>	None
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4 inch guns in 4 single mounts	14 inches	Fore
Torpedoes:	21 inch torpedoes in 4 triple mounts 2 special hits	6 inches at 5.50" 10 inches at 3.25"	Port and starboard
<u>Speed</u>	3.75	4 boilers	2 engines
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18
		<u>Torpedo Hits</u>	17.7"-18": ±1    20.5"-22.5": ±4    24": ±6

## Armament Arrangement



## Notes

- Built in the late teens and early 20s, but still serving in the US Asiatic Fleet in 1941.

## Hits

	Fuel Oil 1	11-13	Void
	Fuel Oil 1	15-21	Main A
	Fuel Oil 1	22	Void
Forward Main Magazine		23-24	Bridge
	Fuel Oil 2	25	Main Director
	Boiler Room 1	26	Void
	Boiler Room 1	31	Funnel
	Boiler Room 1	32	Funnell
	Boiler Room 1	33	Funnel
	Boiler Room 2	34	Main 1 or 2
	Boiler Room 2	35	Main 1 or 2
	Boiler Room 2	36	Funnel
	Boiler Room 2	41	Torpedo 1 or 2
	Engine Room 1	42-43	Torpedo 1 or 2
	Engine Room 1	44	Searchlight
	Engine Room 2	45-51	Torpedo 3 or 4
	Fuel Oil 3	52-53	Void
Aft Main Magazine		54-55	Void
Aft Main Magazine		56	Main X
	Fuel Oil 4	61-62	Main X
Fuel Oil 4, Propshaft 1 or 2		63	AAMGs
Fuel Oil 4, Propshaft 1 or 2		64	Void
	Steering	65-66	Steering

## Internal Diagram

FO1 1FP	FM A,1,2 1FP	FO2 3FP	BR1 B1 B2 4FP	BR2 B3 B4 4FP	ER1 E1 4FP	ER2 E2 4FP	FO3 1FP	AM X 1FP	FO4 1FP	ST 1FP
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## Ex-Momi

<u>Navy Class</u>	Imperial Japanese Navy Patrol Craft-Transport	<u>Date</u> <u>Armor</u>	1941, as converted None
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4.7 inch guns in 2 single mounts	18 inches	None - local control only
<u>Speed</u>	2.50"      2 boilers      2 engines	<u>Fires</u>	Mount: 4      Magazine: 6      Fuel Oil: 4 AAMGs: 4
<u>Flotation</u>	Total: 24      DIW: 12      Sinking: 16	<u>Explosions</u>	Mount: 3      Magazine: 4
		<u>Torpedo Hits</u>	17.7"-18": ±2      20.5"-22.5": ±4      24": ±6

### Armament Arrangement



### Notes

- Nine Momis were converted to this role.

### Hits

Forward Magazine	11-16	Mount A
Fuel Oil 2	21-24	Bridge
Boiler Room	25	Bridge
Boiler Room	26-31	Funnel
Boiler Room	32	AAMGs, Supply Area
Void 1	33-35	AAMGs, Supply Area
Void 1	36	Supply Area
Engine Room	41	Supply Area
Engine Room	42-44	AAMGs, Supply Area
Engine Room	45	AAMGs, Supply Area
Engine Room	46-52	Void
Aft Magazine	53-54	Main X
Aft Magazine	55-56	Landing Craft
Fuel Oil 3, Propshaft 1 or 2	61-64	Landing Craft
Steering	65-66	Steering

### Internal Diagram

FM	FO	BR	V2	ER	AM	V2	ST
A	3FP	B1,B2	3FP	E1,E2	X	1FP	1FP
1FP		6FP		8FP	1FP		

## Merchantman (engine aft)

<u>Navy Class</u>	Merchantman Engine aft			<u>Date</u>	1942		
				<u>Armor</u>	None		
<u>Speed</u>	1.00"-2.00"	2 boilers	1 engine	<u>Torpedo Hits</u>	17.7"-18":	20.5"-22.5":	24":
				<u>Small</u>	±3	±6	±9
				<u>Medium</u>	±2	±4	±6
				<u>Large</u>	±1	±3	±5
<u>Flotation</u>	Total:	DIW:	Sinking:				
<u>Small</u>	29	15	20				
<u>Medium</u>	38	19	25				
<u>Large</u>	43	22	28				

### Notes

- Models merchantment with boilers and engine situated aft rather than amidships.
- Small merchantmen equate to a displacement of 1000 to 3000 tons, medium merchantmen to 3000-7000 tons and large merchantmen to 7000-15000 tons.

### Hits

	Small	Medium	Large		Small	Medium	Large
	Bow	Bow	Bow	11-13	Bow	Bow	Bow
	Hold 1	Hold 1	Hold 1	14-15	Hold 1	Hold 1	Hold 1
	Hold 1	Hold 1	Hold 1	16-21	Hold 1	Hold 1	Hold 1
	Hold 1	Hold 1	Hold 2	22-23	Hold 1	Hold 2	Hold 2
	Hold 1	Hold 2	Hold 2	24-25	Hold 1	Hold 2	Hold 2
	Hold 1	Hold 2	Hold 2	26	Bridge	Bridge	Bridge
	Hold 1	Hold 2	Hold 3	31-32	Bridge	Bridge	Bridge
	Hold 1	Hold 2	Hold 3	33-34	Hold 1	Hold 2	Hold 3
	Hold 2	Hold 3	Hold 4	35-36	Hold 2	Hold 3	Hold 4
	Hold 2	Hold 3	Hold 4	41-42	Hold 2	Hold 3	Hold 4
	Hold 2	Hold 3	Hold 4	43	Hold 2	Hold 3	Hold 4
	Hold 2	Hold 3	Hold 5	44-45	Hold 2	Hold 3	Hold 5
	Hold 2	Hold 4	Hold 5	46-51	Hold 2	Hold 4	Hold 5
	Hold 2	Hold 4	Hold 6	52-53	Hold 2	Hold 4	Hold 6
	Hold 2	Hold 4	Hold 6	54-55	Hold 2	Hold 4	Hold 6
	Hold 2	Hold 4	Hold 6	56	Hold 2	Hold 4	Hold 6
	Engine	Engine	Engine	61-64	Engine	Engine	Engine
	Steering	Steering	Steering	65-66	Steering	Steering	Steering

### Internal Diagram -- Small

BOW 1FP	H1 FP 12FP	H2 FP 12FP	ER B1,E1 3FP	ST 1FP
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### Internal Diagram -- Medium

BOW 1FP	H1 8FP	H2 8FP	H3 8FP	H4 8FP	ER B1,E1 4FP	ST 1FP
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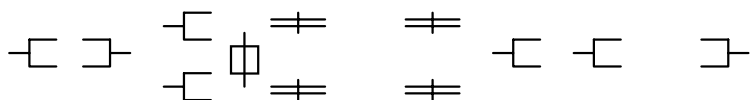
### Internal Diagram -- Large

BOW 1FP	H1 6FP	H2 6FP	H3 6FP	H4 6FP	H5 6FP	H6 6FP	ER B1,E1 5FP	ST 1FP
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# Sendai

<u>Navy Class</u>	Imperial Japanese Navy Light cruiser	<u>Date</u>	1942, as modified		
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>		
Main Battery:	5.5 inch guns in 7 single mounts	20 inches	Fore		
Torpedoes:	24 inch torpedoes in 4 twin mounts no reloads	22 inches at 6.00" 35 inches at 5.00" 44 inches at 4.50"	Port and starboard		
<u>Speed</u>	4.00"	10 boilers	4 engines		
<u>Flotation</u>	Total: 55	DIW: 28	Sinking: 36	<u>Torpedo Hits</u>	17.7"-18": ±1    20.5"-22.5": ±2    24": ±4

## Armament Arrangement



## Notes

- Sendai class included Sendai, Jintsu and Naka.
- In June 1943, Sendai traded her M2 gun for AAMGs.
- In April 1943, Naka traded her M2 gun for AAMGs and a twin 5" mount (range 15 inches).
- Naka and Jintsu had 2 quadruple torpedo mounts aft and none forward.

## Hits

Void 1	11-12	Void
Forward Magazine	13-14	Main A
Forward Magazine	15-16	Main M1
Plot	21	AAMGs
Fuel Oil 1	22	Bridge
Fuel Oil 1	23	Bridge, Main Director, Main 1 or 2
Fuel Oil 1	24	Main 1 or 2, Searchlight 1 or 2
Boiler Room 1	25	Void
Boiler Room 2	26	Funnel
Boiler Room 3	31-32	Torpedo 1 or 2
Boiler Room 3	33	Funnel, AAMGs
Boiler Room 3	34	AAMGs
Boiler Room 3	35-36	Funnel
Boiler Room 4	41	Torpedo Director
Boiler Room 4	42	Funnel
Boiler Room 4	43	Torpedo 3 or 4
Engine Room 1	44	Torpedo 3 or 4
Engine Room 1	45	Main M2
Engine Room 2	46	Main M2
Engine Room 2	51	Searchlight 3
Aft Main Magazine	52-53	Main M3
Aft Main Magazine	54-55	Aircraft, Catapult
Void 2	56-61	Aircraft, Catapult
Void 2	62	Main X
Void 2, Propshaft 1 or 2	63	Main X
Void 2, Propshaft 3 or 4	64	Void
Steering	65	Steering
Void	66	Void

## Internal Diagram

V1	FM	PL	FO1	BR1	BR2	BR3	BR4	ER1	ER2	AM	V2	ST	V3
2FP	4FP	1FP	4FP	B1	B2	B3,4	B8,9	E1,2	E1,2	4FP	2FP	1FP	1FP
				2FP	2FP	5,6	9,10	8FP	8FP				
						8FP	8FP						

# Asashio/Kagero/Yugumo

<u>Navy Class</u>	Imperial Japanese Navy Destroyer	<u>Date</u>	1942
		<u>Armor</u>	None

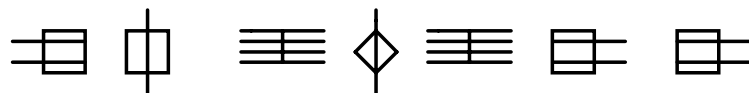
<u>Surface Armament</u>	<u>Ranges</u>	<u>Directors</u>
Main Battery:	5 inch guns in 3 twin mounts	18 inches
Torpedoes:	24 inch torpedoes in 2 quadruple mounts	22 inches at 6.00"
	8 reloads	35 inches at 5.00"
	3 special hits	44 inches at 4.50"

Speed      4.50                  3 boilers                  2 engines

Flotation    Total: 28                  DIW: 14                  Sinking: 18

Torpedo Hits    17.7"-18": ±1      20.5"-22.5": ±3      24": ±5

## Armament Arrangement



## Notes

- All three classes were similar in game terms.
- Ten Asashios, 18 Kageros and 20 Yugumos were built.
- Use cruiser turn radius for Asashio class.

## Hits

	Fuel Oil 1	11-13	Void
Forward	Main Magazine	14-21	Main A
	Fuel Oil 2	22	Void
	Fuel Oil 2	23-24	Bridge
	Boiler Boom 1	25	Main Director, Bridge
	Boiler Boom 1	26	Void
	Boiler Boom 1	31	Reload A
	Boiler Room 2	32	Reolad A
	Boiler Boom 2	33	Funnel
	Boiler Boom 2	34	Torpedo A
	Boiler Boom 3	35	Torpedo A
	Boiler Boom 3	36	AAMGs
	Boiler Boom 3	41	Funnel
	Engine Room	42	Searchlight
	Engine Room	43-44	Torpedo B
	Engine Room	45	Torpedo Director
	Engine Room	46	Reload B
	Void	51	Reload B
	Aft Main Magazine	52-54	Main X
	Aft Main Magazine	55-61	Main Y
Propshaft	1 or 2, Fuel Oil 3	62-64	Aft Void
	Steering	65-66	Steering

## Internal Diagram

FO1 1FP	PM A 1FP	FO2 FO 4FP	BR1 B1 3FP	BR2 B2 3FP	BR3 B3 3FP	ER E1,E2 6FP	V 2FP	PM Y 2FP	FO3 2FP	ST 1FP
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# Hatsuharu/Shiratsuyu

Navy Class Imperial Japanese Navy Destroyer Date 1940 Armor None

## Surface Armament

Main Battery: 5 inch guns in 2 twin mounts and 1 single mount

Ranges  
18 inches

Directors  
Fore

Torpedoes: 24 inch torpedoes in 2 triple mounts  
6 reloads  
3 special hits

22 inches at 6.00"  
35 inches at 5.00"  
44 inches at 4.50"

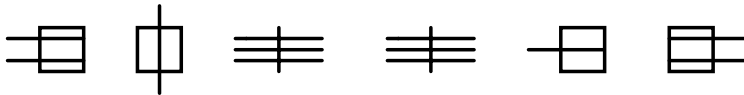
Aft

Speed 4.25 3 boilers 2 engines

Flotation Total: 28 DIW: 14 Sinking: 18

Torpedo Hits 17.7"-18": ±1 20.5"-22.5": ±3 24": ±5

## Armament Arrangement



## Notes

- Successor classes to the Fubukis and Akatsukis, extensively modified after the original design proved to be unstable.
- Shiratsuyus were similar, with quadruple torpedo mounts vice the triples, and 8 reloads rather than 6.

## Hits

Fuel Oil 1	11-13	Forward Void
Forward Main Magazine	14-21	Main A
Fuel Oil 2	22	Void
Fuel Oil 2	23-24	Bridge
Boiler Room 1	25	Bridge, Main Director
Boiler Room 1	26-31	Void
Boiler Room 1	32	Funnel
Boiler Room 1	33-34	Torpedo A
Boiler Room 2	35	Torpedo A
Boiler Room 2	36	AAMGs, Torpedo Reload A
Boiler Room 2	41	Funnel, Torpedo Reload A
Engine Room 1	42	Searchlight
Engine Room 1	43-44	Torpedo B
Engine Room 2	45	Torpedo B
Engine Room 2	46	Torpedo Director
Engine Room 2	51-52	Torpedo Reload B
Aft Main Magazine	53-54	Main M
Aft Main Magazine	55-61	Main Y
Propshaft 1 or 2, Fuel Oil 3	62-64	Void
Steering	65-66	Steering

## Internal Diagram

FO1 1FP	PM A 1FP	FO2 FO 3FP	BR1 B1 B2 6FP	BR2 B3 3FP	ER2 E1 4FP	ER2 E2 4FP	PM MY 2FP	FO3 2FP	ST 1FP
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