

ACTION OFF MANILA

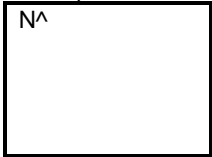
1430 5 January 1945

Background: In January of 1945 a vast American fleet moved north through the South China Sea to support the invasion of Luzon. As the fleet moved north, patrolling aircraft spotted two Japanese destroyers making a break from Manila harbor to Formosa. Destroyer Bennion and two Australian escort vessels were detailed to intercept them.

Forces:

Allied Forces	Division 1:	Bennion	(Fletcher - flag)
	Division 2:	Warrago (RAN) Gascoyne (RAN)	(Grimsby) (River)
Nihon Kaigun	Division 1:	Hinoki Momi	(Matsu - flag) (Matsu)

Set-up:



The Japanese friendly edge is the south edge. The United States friendly edge is the north edge.

Japanese Division 1 begins 24 inches from the north edge and 24 inches from the east edge, on a course of 270 (due west) in line.

United States Division 1 enters on the north edge on turn 1, 24 inches from the east edge. Division 2 follows Division 1 in line.

Victory Conditions: Victory is determined by points. Score 2 points for each ship sunk and 1 point for each destroyer torpedoed but not sunk. The Japanese player receives 1 point for exiting both Japanese ships off the south edge of the map.

Special Conditions:

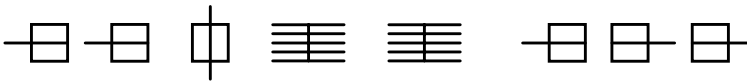
1. Bennion has SG search radar, CICs, and Mk 12 fire control radar. The RAN ships have 271 and 285 radars and CICs.
2. Visibility is **21** (gunfire visibility factor of -1) -- a clear day.

Outcome: The Japanese ships aborted their mission and ran for Manila, with Bennion in hot pursuit. In the gun battle that followed, Bennion hit Momi but both Japanese ships escaped. They did not last long; Momi succumbed to US aircraft later in the afternoon, while Hinoki was put under by overwhelming Allied surface forces two days later.

Fletcher

<u>Navy Class</u>	United States Navy Destroyer	<u>Date</u>	1942 None
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	5 inch guns in 5 single mounts	18 inches	Fore
Torpedoes:	21 inch torpedoes in 2 quintuple mount	6 inches at 5.50"	Port and starboard
Maximum Value:	7 through 6/43, 9 after	10 inches at 3.25"	
<u>Gun:</u>	5" 10" 15" 18"	Power	Relia
5 inch single	A/11 8/7 2/3 1/-1	4	A
<u>Speed</u>	4.50 4 boilers 2 engines	<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±3 24": ±5
<u>Flotation</u>	Total: 30 DIW: 15 Sinking: 20		

Armament Arrangement



Notes

- Most numerous class of USN fleet destroyers, with 175 ships in the class.
- Most early units built with twin 40mm mounts on the after pilothouse and the fantail. Some of the earliest (*viz* Fletcher) had one 1.1 inch mount on the pilothouse instead.

Hits

	Fuel Oil 1	11-14	Void
Forward Main Magazine	Fuel Oil 2	15-21	Main A
	Fuel Oil 3	22-24	Main B
	Fuel Oil 3	25	Bridge, AAMGs
	Fuel Oil 3	26	Bridge, Main Director
Boiler Room 1	Boiler Room 1	31	Search Radar
	Boiler Room 1	32-33	Funnel
Engine Room 1	Engine Room 1	34-36	Torpedo A
	Boiler Room 2	41	Searchlight 1 or 2, Funnel
	Boiler Room 2	42-43	Torpedo B
	Boiler Room 2	44	AAMGs, Torpedo B
	Engine Room 2	45	AAMGs, Main M
	Engine Room 2	46	Main M
	Engine Room 2	51	Main M
Aft Main Magazine	Aft Main Magazine	52	AAMGs
	Aft Main Magazine	53-55	Main X
	Fuel Oil 4	56-62	Main Y
Void, Propshaft 1 or 2	Void, Propshaft 1 or 2	63-64	Void
	Steering	65-66	Steering [,AAMGs]

Internal Diagram

FO1 1FP	PM A&B 1FP	FO2 FO 2FP	FO3 FO 2FP	BR1 B1 B2 5FP	ER1 E1 4FP	BR2 B3 B4 5FP	ER2 E2 4FP	PM MX 1FP	FO4 3FP	V 1FP	ST 1FP
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Grimsby

<u>Navy Class</u>	Royal Navy Sloop	<u>Date</u>	1943		
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>		
Main Battery:	4 inch guns in 2 twin mounts	16 inches	Fore		
<u>Speed</u>	2.00	2 boilers	2 engines	<u>Torpedo Hits</u>	17.7"-18": ±2 20.5"-22.5": ±4 24": ±6
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 17	<u>Gun</u>	5" 10" 15" 16" Power Relia
				4 inch twin	A/12 8/8 2/3 1/0 3 B

Armament Arrangement



Notes

- Eight ships in class, but with differing gun armament.
- Warrago and Parametta were armed as shown.

Hits

Fuel Oil 1	11-16	Forward Void
Forward Main Magazine	21-23	Main A
Boiler Room 1	24-25	Bridge
Boiler Room 1	26	AAMGs
Boiler Room 1	31	Main Director
Boiler Room 2	32	Search Radar
Boiler Room 2	33-34	Funnel
Boiler Room 2	35	AAMGs
Engine Room	36-41	AAMGs
Engine Room	42-44	Void
Aft Main Magazine	45-51	Main X
Aft Main Magazine	52-55	Void
Fuel Oil 2	56-62	Void
Propshaft 1 or 2, Fuel Oil 2	63-64	Void
Steering	65-66	Steering

Internal Diagram

FO1 1FP	FM A 1FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 9FP	AM Y 2FP	FO2 1FP	ST 1FP
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River

<u>Navy Class</u>	Royal Australian Navy Frigate	<u>Date</u>	1943		
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>		
Main Battery:	4 inch guns in 2 single mounts	16 inches	Fore		
<u>Speed</u>	2.50	2 boilers	2 engines	<u>Torpedo Hits</u>	17.7"-18": ±2 20.5"-22.5": ±4 24": ±6
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 17	<u>Gun</u>	5" 10" 15" 16" Power Relia 4 inch A/10 8/6 2/1 1/-2 3 B

Armament Arrangement



Notes

- Eight ships in class.

Hits

	Fuel Oil 1	11-16	Forward Void
Forward	Main Magazine	21-23	Main A
	Boiler Room 1	24-25	Bridge
	Boiler Room 1	26	AAMGs
	Boiler Room 1	31	Main Director
	Boiler Room 2	32	Search Radar
	Boiler Room 2	33-34	Funnel
	Boiler Room 2	35	AAMGs
	Engine Room	36-41	AAMGs
	Engine Room	42-44	Void
	Aft Main Magazine	45-51	Main X
	Aft Main Magazine	52-55	Void
	Fuel Oil 2	56-62	Void
Propshaft 1 or 2,	Fuel Oil 2	63-64	Void
	Steering	65-66	Steering

Internal Diagram

FO1 1FP	FM A 1FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 9FP	AM Y 2FP	FO3 1FP	ST 1FP
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Matsu

<u>Navy Class</u>	Imperial Japanese Navy Destroyer	<u>Date</u>	1943
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	5 inch guns in 1 twin and 1 single mount	14 inches	Fore
Torpedoes:	24 inch torpedoes in 1 quadruple mount	22 inches at 6.00"	Aft
Maximum Value:	9	35 inches at 5.00"	
		44 inches at 4.50"	
<u>Gun:</u>	5" 10" 15" 18"	Power	Relia
5 inch twin	A/12 8/8 2/5 1/1	4	B
5 inch single	A/10 8/6 2/3 1/-1	4	B
<u>Speed</u>	3.50 2 boilers 2 engines	<u>Torpedo Hits</u>	17.7"-18": ±2 20.5"-22.5": ±4 24": ±6
<u>Flotation</u>	Total: 27 DIW: 14 Sinking: 18		

Armament Arrangement



Notes

- An intermediate type: less capable than a typical fleet destroyer, but better suited for surface action than a typical destroyer escort.
- Eighteen in class, including Kuwa, Take and Hinoki

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, AAMGs
Boiler Room 1	25	Bridge, Main Director
Boiler Room 1	26-31	Search Radar
Boiler Room 1	32	Funnel
Engine Room 1	33-34	Torpedo A
Engine Room 1	35	Torpedo A
Engine Room 1	36	Torpedo A
Boiler Room 2	41	AAMGs
Boiler Room 2	42	AAMGs
Boiler Room 2	43	Funnel
Boiler Room 2	44	AAMGs
Engine Room 2	45	AAMGs
Engine Room 2	46	Searchlight
Engine Room 2	51-52	AAMGs
Aft Main Magazine	53	Void
Aft Main Magazine	54-61	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 4FP	ER1 E1 4FP	BR2 B3 4FP	ER2 E2 4FP	PM Y 2FP	FO3 2FP	ST 1FP
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