

ACTION OFF ENDAU**0300****27 January 1942**

Background: In late January of 1942, the Japanese landed additional troops on the east coast of the Malay Peninsula to help their ground forces close in on Singapore. The British sent two destroyers to make a nighttime attack on a reported transport force after air strikes against it failed with heavy losses.

Royal Navy	Division 1	Thanet Vampire (RAN)	(Admiralty "S" Class – flag) (Admiralty "V/W" Class)
Nihon Kaigun	Division 1	Sendai Hatsuyuki Shirayuki	(Sendai – flag) (Fubuki) (Fubuki)
	Division 2	Asagiri Fubuki Yugiri	(Fubuki – flag) (Fubuki) (Fubuki)
	Division 3	Kambera Maru Kansai Maru	Medium Merchant (Engine Amidships) Medium Merchant

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The coast of Malaya runs along the west and south edges of the playing surface.

The east edge is the RN friendly edge. The north edge is the NK friendly edge.

Japanese Division 1 begins on a course of 90 degrees (due east), 18 inches east of the west edge and 15 inches north of the south edge. Japanese Division 2 begins on a course of 180 degrees (due south), 12 inches east of the west edge and 36 inches north of the south edge. Both divisions are steaming in line ahead, in order. Division 3 is anchored 5 inches east of the west edge and 5 inches north of the south edge.

British Division 1 is steaming in line on a course of 270 degrees (due west). It begins 24 inches east of the the west edge and 10 inches north of the south edge.

Victory Conditions:

- a) The Japanese receive 1 point for each enemy ship sunk.
- b) The British receive 2 points for each enemy warship sunk and 1 point for each enemy warship left dead in the water. They win automatically if they sink either transport.

Special Rules:

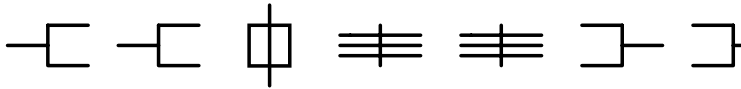
1. No ship has radar.
2. Visibility is **4** and the gunnery level is **-8** – poor visibility and no moon.

Outcome: The Vampire managed to launch torpedoes at Shirayuki, but missed. In the ensuing gun battle, the Japanese annihilated Thanet and Vampire escaped.

V/W Classes

<u>Navy Class</u>	Royal Navy Destroyer	<u>Date</u>	1942
		<u>Armor</u>	None
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4.7 inch guns in 4 single mounts	16 inches	Fore
Torpedoes:	21 inch torpedoes in 2 triple mounts	4 inches at 5.50"	Port and starboard
Maximum Value:	8	9 inches at 3.75"	
<u>Gun</u>	5"	10"	15"
4.7"	A/9	8/5	2/1
		16"	Power
		1/-2	4
			Relia
			A
<u>Speed</u>	4.25"	3 boilers	2 engines
			<u>Torpedo Hits</u>
			17.7"-18": ±1
			20.5"-22.5": ±4
			24": ±6
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 16

Armament Arrangement



Notes

- World War I vintage ships.
- Vs had double torpedo mounts *vice* the triples.
- Later modified as escort vessels, but in this original configuration for the Channel Dash.

Hits

	Fuel Oil 1	11-13	Void
	Fuel Oil 1	15-21	Main A
Forward	Main Magazine	22-24	Main B
	Fuel Oil 2	25-26	Bridge
	Fuel Oil 2	31	Bridge, Main Director
	Boiler Room 1	32	Search Radar
	Boiler Room 1	33-34	Funnel
	Boiler Room 1	35-36	Torpedo A
	Boiler Room 2	41-42	Torpedo A
	Boiler Room 2	43	Funnel
	Engine Room 1	44-45	Searchlight
	Engine Room 1	46	Torpedo B
	Engine Room 2	51-53	Torpedo B
	Fuel Oil 3	54-56	Main X
	Aft Main Magazine	61-63	Main Y
Aft	Main Magazine, Propshaft 1 or 2	63	Main Y
	Fuel Oil 4, Propshaft 1 or 2	64	Void
	Steering	65-66	Steering

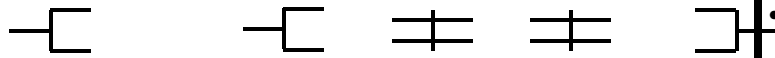
Internal Diagram

FO1	FM	FO2	BR1	BR2	ER1	ER2	FO3	AM	FO4	ST
1FP	AB	3FP	B1	B3	E1	E2	1FP	XY	1FP	1FP
	1FP		B2	3FP	4FP	4FP		1FP		
			5FP							

S Class

<u>Navy Class</u>	Royal Navy Destroyer	<u>Date</u>	1940
		<u>Armor</u>	None
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4.7 inch guns in 3 single mounts	16 inches	None
Torpedoes:	21 inch torpedoes in 2 twin mounts	4 inches at 5.50"	Port and starboard
Maximum Value:	8	9 inches at 3.75"	
<u>Gun</u>	5"	10"	15"
4.7"	A/8	8/3	2/-2
		16"	Power
		1/-8	4
			Relia
			A
<u>Speed</u>	4.25"	3 boilers	2 engines
			<u>Torpedo Hits</u>
			17.7"-18": ±1
			20.5"-22.5": ±4
			24": ±6
<u>Flotation</u>	Total: 23	DIW: 12	Sinking: 16

Armament Arrangement



Notes

- World War I vintage ships.
- Gun factors take into account lack of director.

Hits

	Fuel Oil 1	11-15	Void
	Fuel Oil 1	15-21	Void
Forward	Main Magazine	22-24	Main A
	Fuel Oil 2	25-31	Bridge
	Boiler Room 1	32-33	Funnel
	Boiler Room 1	34-35	Main M
	Boiler Room 1	36	Main M
	Boiler Room 2	41	Funnel
	Boiler Room 2	42-43	Torpedo A
	Engine Room	44-45	Torpedo A
	Engine Room	46	Torpedo B
	Engine Room	51-53	Torpedo B, Searchlight
		54-55	AAMGs
	Fuel Oil 3	56	Main Y
	Aft Main Magazine	61-62	Main Y
Aft Main Magazine,	Propshaft 1 or 2	63	Void
Fuel Oil 4, Propshaft 1 or 2		64	Void
	Steering	65-66	Steering

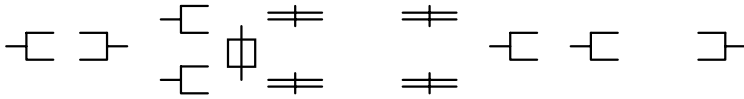
Internal Diagram

FO1	FM	FO2	BR1	BR2	ER1	FO3	AM	FO4	ST
1FP	AB	3FP	B1	B3	E1	1FP	XY	1FP	1FP
	1FP		B2	3FP	6FP		1FP		
			5FP						

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	22 inches at 6.00" 35 inches at 5.00" 44 inches at 4.50"	Port and starboard		
<u>Gun:</u>	5" 10" 15" 20"	<u>Power</u>	<u>Relia</u>		
5.5 inch single	A/10 8/8 3/5 2/3	5	B		
<u>Speed</u>	4.00" 10 boilers 4 engines	<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±2	24": ±4
<u>Flotation</u>	Total: 55 DIW: 28 Sinking: 36				

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. 5 inch twin: A/12, 8/8, 2/4, range 15 inches, power 4, reliability B.
- 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

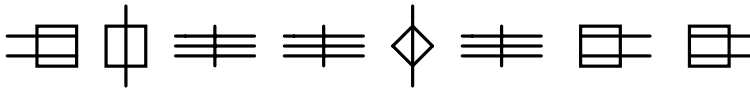
Internal Diagram

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

<u>Navy Class</u>	Imperial Japanese Navy Destroyer	<u>Date</u>	1940		
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>		
Main Battery:	5 inch guns in 3 twin mounts	18 inches	Fore		
Torpedoes:	24 inch torpedoes in 3 triple mounts	22 inches at 6.00"	Aft		
Maximum Value:	9 reloads	35 inches at 5.00"			
		44 inches at 4.50"			
<u>Gun:</u>	5" 10" 15" 18"	<u>Power</u>	<u>Relia</u>		
5 inch twin	A/12 8/8 2/5 1/1	4	B		
<u>Speed</u>	4.25 4 boilers 2 engines	<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±3	24": ±5
<u>Flotation</u>	Total: 28 DIW: 14 Sinking: 18				

Armament Arrangement



Notes

- Original "Special Type" destroyers -- a ground-breaking design.
- Nineteen in class.

Hits

	Fuel Oil 1	11-13	Forward Void
Forward Main Magazine		14-21	Main A
	Fuel Oil 2	22	Void
	Fuel Oil 2	23	Bridge
	Fuel Oil 2	24	Bridge, Main Director
	Boiler Room 1	25	Bridge
	Boiler Room 1	26-31	Torpedo Reload A or B, Funnel
	Boiler Room 1	32	Torpedo A
	Boiler Room 2	33-34	Torpedo A
	Boiler Room 2	35-36	AAMGs, Funnel
	Engine Room 1	41	Searchlight
	Engine Room 1	42-43	Torpedo B
	Engine Room 2	44	Torpedo Director
	Engine Room 2	45-46	Torpedo C
	Engine Room 2	51-52	Torpedo Reload C
	Aft Main Magazine	53-55	Main X
	Aft Main Magazine	56-62	Main Y
Propshaft 1 or 2, Fuel Oil 3		63-64	Aft Void
	Steering	65-66	Steering

Internal Diagram

FO1 1FP	PM A 1FP	FO2 FO 3FP	BR1 B1 B2 5FP	BR2 B3 B4 5FP	ER2 E1 4FP	ER2 E2 4FP	PM Y 2FP	FO3 2FP	ST 1FP
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Merchantman (engine amidships)

<u>Navy Class</u>	Merchantman Engine amidships			<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 amidships rather than aft.
- Small merchantmen equate to a displacement of 1000 to 3000 displaced tons (about 1500 to 4000 gross registered tons), medium merchantmen to 3000-7000 displaced tons (about 4000 to 9000 grt) and large merchantmen to 7000-15000 displaced tons (about 9000-20000 grt).

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
	Engine	Engine	Engine	35-42	Engine	Engine	Engine
	Hold 2	Hold 3	Hold 4	43-44	Hold 2	Hold 3	Hold 4
	Hold 2	Hold 3	Hold 4	45-46	Hold 2	Hold 3	Hold 4
	Hold 2	Hold 3	Hold 4	51	Hold 2	Hold 3	Hold 4
	Hold 2	Hold 3	Hold 5	52-53	Hold 2	Hold 3	Hold 5
	Hold 2	Hold 4	Hold 5	54-55	Hold 2	Hold 4	Hold 5
	Hold 2	Hold 4	Hold 6	56-61	Hold 2	Hold 4	Hold 6
	Hold 2	Hold 4	Hold 6	62-63	Hold 2	Hold 4	Hold 6
	Hold 2	Hold 4	Hold 6	64	Hold 2	Hold 4	Hold 6
	Steering	Steering	Steering	65-66	Steering	Steering	Steering

Internal Diagram -- Small

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

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

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