

**CAPE ST. GEORGE**

**0140 25 November 1943**

Background: Admiral Kusaka laid on yet another run of the Tokyo Express in November 1943 to transport combat soldiers to Buka and pull out rear-echelon troops. Five American destroyers moved to intercept the Japanese force.

**Forces:**

United States Navy Captain Arleigh A. Burke	Division 1:	Ausburne Claxton Dyson	(Fletcher - flag) (Fletcher) (Fletcher)
	Division 2:	Converse Spence	(Fletcher - flag) (Fletcher)
Nihon Kaigun Captain Kagawa Kiyoto	Division 1:	Onami Makinami	(Yugumo - flag) (Yugumo)
	Division 2:	Amagiri Yugiri Uzuki	(Fubuki refit - flag) (Fubuki refit) (Mutsuki)

**Set-up:**



The Japanese begin with only Division 1 on the playing surface. It begins in line ahead formation, with Onami leading, 10 inches from the east edge and 46 inches from the north edge. Division 2 enters on the third turn of the game on the east edge 48 inches from the north edge. It is also in line ahead formation, with Amagiri leading. Both columns are steaming on a course of 270 degrees.

The American divisions are steaming in parallel columns, with both flagships leading. Converse is 2 inches west of Dyson; Ausburne is 34 inches east of the east edge and 60 inches south of the north edge. The columns are steaming on a course of 0 degrees (due north).

Victory Conditions: Victory is determined by points. Score 2 points for each destroyer sunk and 1 point for each destroyer torpedoed but not sunk.

**Special Conditions:**

1. All American ships have SG search radar, CICs, and Mk 12 fire control radar
2. Visibility is **0** (gunfire visibility factor of **-7**) -- a moonless, overcast night.
3. The Japanese friendly edge is the north edge. The American friendly edge is the south edge.
4. The Japanese destroyers in Division 2 may not use torpedo reloads, being burdened by troops.

Outcome: Burke began by sinking the two Japanese screen destroyers with a surprise torpedo attack. He then gave chase to the transport unit, sinking Yugiri in a running gun battle. The Americans steamed almost as far a Rabaul itself, and retired undamaged.

# Fletcher

<u>Navy</u>	United States Navy	<u>Date</u>	1942
<u>Class</u>	Destroyer	<u>Armor</u>	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 2 special hits	6 inches at 5.50" 10 inches at 3.25"	Port and starboard
<u>Speed</u>	4.50	4 boilers	2 engines
<u>Flotation</u>	Total: 30	DIW: 15	Sinking: 20
		<u>Torpedo Hits</u>	17.7"-18": ±1    20.5"-22.5": ±3    24": ±5

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

# Asashio/Kagero/Yugumo

<u>Navy</u>	Imperial Japanese Navy	<u>Date</u>	1942
<u>Class</u>	Destroyer	<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	Fore
Torpedoes:	24 inch torpedoes in 2 quadruple mounts	22 inches at 6.00"	Aft
	8 reloads	35 inches at 5.00"	
	3 special hits	44 inches at 4.50"	
<u>Speed</u>	4.50	3 boilers	2 engines
<u>Flotation</u>	Total: 28	DIW: 14	Sinking: 18
<u>Torpedo Hits</u>	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

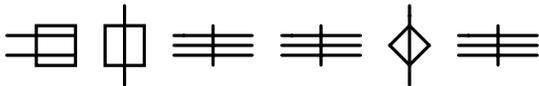
## Internal Diagram

FO1 1FP	PM A 1FP	FO2 FO 4FP	BR1 B1 3FP	BR2 B2 3FP	BR3 B3 3FP	ER2 E1,E2 6FP	V 2FP	PM Y 2FP	FO3 2FP	ST 1FP
------------	----------------	------------------	------------------	------------------	------------------	---------------------	----------	----------------	------------	-----------

## Fubuki (Refit)

<u>Navy</u>	Imperial Japanese Navy	<u>Date</u>	1942
<u>Class</u>	Destroyer	<u>Armor</u>	None
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	5 inch guns in 2 twin mounts	18 inches	Fore
Torpedoes:	24 inch torpedoes in 3 triple mounts	22 inches at 6.00"	Aft
	6 reloads	35 inches at 5.00"	
	3 special hits	44 inches at 4.50"	
<u>Speed</u>	4.25	4 boilers	2 engines
<u>Flotation</u>	Total: 28	DIW: 14	Sinking: 18
		<u>Torpedo Hits</u>	17.7"-18": ±1    20.5"-22.5": ±3    24": ±5

### Armament Arrangement



### Notes

- Refitted in 1942-43 by the removal of a 5 inch turret and a set of torpedo reloads and the addition of numerous AAMGs.
- Eighteen survived to be refitted.

### 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, AAMGs, Main Director
Boiler Room 1	25	Bridge
Boiler Room 1	26-31	Torpedo Reload, 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, AAMGs
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
Aft Main Magazine	53-55	AAMGs
Aft Main Magazine	56-62	Main Y
Propshaft 1 or 2, Fuel Oil 3	63-64	Aft Void
Steering	65-66	Steering

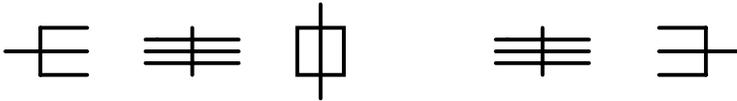
### Internal Diagram

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
------------	----------------	------------------	------------------------	------------------------	------------------	------------------	----------------	------------	-----------

# Mutsuki

<u>Navy</u>	Imperial Japanese Navy			<u>Date</u>	1942, as converted
<u>Class</u>	Destroyer-transport			<u>Armor</u>	None
<u>Surface Armament</u>			<u>Ranges</u>	<u>Directors</u>	
Main Battery:	4.7 inch guns in 2 single mounts			18 inches	Fore
Torpedoes:	24 inch torpedoes in 2 triple mounts			8 inches at 5.50"	Aft
	No reloads			16 inches at 4.50"	
	3 special hits				
<u>Speed</u>	4.25	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": ±3    24": ±5

## Armament Arrangement



## Notes

- Twelve Mutsukis were converted to this role.
- These were the first destroyers to carry a 24 inch torpedo. They carried an early model of the torpedo, which was also found occasionally in Fubukis and light cruisers.

## Hits

Fuel Oil 1	11-13	Forward Void
Forward Magazine	14-16	Mount A
Crew Spaces	21-23	Torpedo A
Fuel Oil 2	24	Bridge
Boiler Room 1	25	Bridge, Main Director
Boiler Room 1	26-31	Funnel
Boiler Room 1	32	AAMGs, Supply Area
Boiler Room 2	33-35	AAMGs, Supply Area
Boiler Room 2	36	Funnel
Engine Room 1	41	Searchlight
Engine Room 1	42-44	AAMGs, Supply Area
Engine Room 2	45	AAMGs, Supply Area
Engine Room 2	46-52	Torpedo B
Aft Magazine	53-54	Main M
Aft Magazine	55-56	AAMGs, Supply Area
Fuel Oil 3, Propshaft 1 or 2	61-64	Aft Void
Steering	65-66	Steering

## Internal Diagram

FO1 1FP	PM A 1FP	V 2FP	FO2 FO 2FP	BR1 B1 B2 4FP	BR2 B3 B4 4FP	ER2 E1 4FP	ER2 E2 4FP	PM MY 2FP	FO3 2FP	ST 1FP
------------	----------------	----------	------------------	------------------------	------------------------	------------------	------------------	-----------------	------------	-----------