

BEHAR'S VENGEANCE

0200 10 March 1944

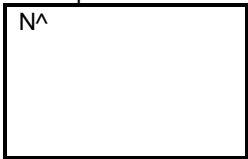
Background: In March of 1944, the Japanese dispatched a task force of three cruisers to raid into the Indian Ocean, with orders to disrupt the Aden-to-Australia convoy route. The raiders sank their first victim, the steamship *Behar*, on March 9. This a hypothetical scenario positing that a Commonwealth naval force was in the vicinity of the *Behar* when she was sunk, and that that force managed a night interception of the Japanese raiders.

Forces:

Commonwealth Forces (See Special Conditions)

Nihon Kaigun	Division 1:	Aoba	(Aoba - flag)
Rear Adm. Naomasa		Tone	(Tone)
Sakonju		Chikuma	(Tone)

Set-up:



The Japanese friendly edge is the east edge. The Commonwealth friendly edge is the east edge.

Japanese Division 1 begins 24 inches from the north edge and 60 inches from the east edge, on a course of 090 (due east) in line.

Commonwealth Division 1 begins 24 inches from the north edge and 30 inches from the east edge, on a course of 270 (due west). Other divisions (if present) follow Division 1 in line.

Victory Conditions: Victory is determined by points.

- Score 4 points for each cruiser sunk and each Japanese cruiser left dead in the water.
- Score 2 points for each Commonwealth cruiser left dead in the water and each destroyer sunk.
- Score 1 point for each destroyer torpedoed but not sunk.

Special Conditions:

1. The Commonwealth destroyers have 271 and 285 radars and CICs. The Commonwealth cruisers have 273Q and 284 radars and CICs.
2. The Commonwealth player chooses 16 points worth of ships for his forces. These are organized into 1, 2, or 3 divisions, at the Commonwealth player's option. 8 inch gun cruisers cost 6 points, 6 inch gun cruisers with 4 turrets cost 5 points, 6 inch gun cruisers with 3 turrets cost 4 points, and destroyers cost 2 points. The following ships are available to the Commonwealth player:

8 inch gun cruisers:	London	(London)	
	Sussex	(London)	
	Cumberland	(Kent)	
	Suffolk	(Kent)	
6 inch gun cruisers:	Kenya	(Fiji)	4 turrets
	Nigeria	(Fiji)	4 turrets
	Gambia	(Fiji)	4 turrets
	Ceylon	(Fiji)	3 turrets
Destroyers:	Quilliam	("Q" class)	
	Quadrant	("Q" class)	
	Quality	("Q" class)	
	Queenborough	("Q" class)	
	Quiberon	("Q" class)	
	Quickmatch	("Q" class)	

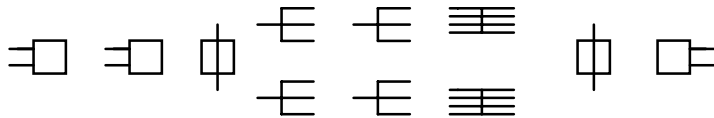
3. Aoba had been repaired after suffering extensive battle damage. Some sources say that she was no longer capable of her original top speed. In this scenario, her speed is limited to 3.50 inches.
4. The Japanese are not alert.
5. Visibility is **16** (gunfire visibility factor of **-2**) -- a clear night with a full moon.

Outcome: *Behar* managed a radio transmission before she was sunk. In response, the Japanese task force aborted its mission and returned to its Singapore base. Admiral Sakonju ordered that the massacre of the *Behar's* crew and passengers, although the order was not carried out until the task force returned to Singapore. Sakonju survived the war to be executed by the Allies for ordering the killings.

Aoba

<u>Navy Class</u>	Imperial Japanese Navy Heavy cruiser	<u>Date</u>	1941		
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>		
Main Battery:	8 inch guns in 3 twin turrets	32 inches	Fore and aft		
Secondary Battery:	4.7 inch guns in 4 single mounts	16 inches	Port and starboard		
Torpedoes:	24 inch torpedoes in 2 quadruple mounts	22 inches at 6.00"	Port and starboard		
Maximum Value:	9	35 inches at 5.00"			
	8 reloads	44 inches at 4.50"			
<u>Gun:</u>	5" 10" 15" 20" 25" 30" 32"	<u>Power</u>	<u>Relia</u>		
8 inch twin	A/10 8/9 6/7 4/5 3/0 2/0 1/0	6	B		
4.7 inch single	A/9 8/5 2/2 1/-2	4	B		
<u>Speed</u>	4.25"	12 boilers	4 engines	<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±2 24": ±3
<u>Flotation</u>	Total: 63	DIW: 32	Sinking: 42	<u>Bulge</u>	-1 to torpedo hits in way of 22 -52

Armament Arrangement



Notes

- Class included Aoba and Kinugasa.

Hits

	Fuel Oil 1	11-14	Void
	Main Magazine A	15-21	Main A
	Main Magazine B	22-23	Main B
	Boiler Room 1	24	Bridge, AAMGs
	Boiler Room 1	25	Secondary Director 1 or 2, Bridge
	Boiler Room 1	26	Main Director, Bridge
	Boiler Room 2 or 3	31	Torpedo Director, Bridge
	Boiler Room 2 or 3	32	Secondary 1 or 2, Funnel, Searchlight 1 or 2
	Boiler Room 2 or 3	33	Funnel
	Boiler Room 4 or 5	34	Funnel
	Boiler Room 4 or 5	35	Secondary 3 or 4
	Boiler Room 4 or 5	36	Funnel
	Boiler Room 6 or 7	41	AAMGs
	Engine Room 1 or 3	42	Aft Main Director
	Engine Room 1 or 3	43	Torpedo 1 or 2
	Engine Room 1 or 3	44-45	Catapult, Aircraft
	Engine Room 2 or 4	46	Catapult, Aircraft
	Engine Room 2 or 4	51-53	Void
	Main Magazine C	54-56	Main C
	Fuel Oil 2, Propshaft 1 or 2)	61-62	Void
	Fuel Oil 3, Propshaft 3 or 4)	63-64	Void
	Steering	65	Steering
	Void	66	Void

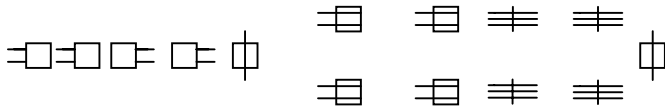
Internal Diagram and Torpedo Hits

FO1	PM	PM	BR1	BR3	4FP	BR5	4FP	BR7	ER1	ER3	PM	FO2	FO3	ST	V
3FP	A	B	B1	B3	B5	B7	B9	B11	E1	E3	X	2FP	2FP	1FP	1FP
	2FP	2FP	B2	BR2	4FP	BR4	4FP	BR6	ER2	ER4	2FP				
			4FP	B4	B6	B8	B10	B12	E2	E4					
								2FP	6FP	6FP					

Tone

<u>Navy Class</u>	Imperial Japanese Navy Heavy cruiser	<u>Date</u>	1939		
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>		
Main Battery:	8 inch guns in 4 twin turrets	32 inches	Fore and aft		
Secondary Battery:	5 inch guns in 4 twin mounts	15 inches	Port and starboard		
Torpedoes:	24 inch torpedoes in 4 triple mounts	22 inches at 6.00"	Port and starboard		
	12 reloads	35 inches at 5.00"			
Maximum Value:	9	44 inches at 4.50"			
<u>Gun:</u>	5" 10" 15" 20" 25" 30" 35"	<u>Power</u>	<u>Relia</u>		
8 inch twin	A/10 8/9 6/7 4/5 3/0 2/0 1/0	6	B		
5 inch twin	A/12 8/8 2/4 1/0	4	B		
<u>Speed</u>	4.25" 8 boilers 4 engines	<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±2	24": ±3
<u>Flotation</u>	Total: 61 DIW: 31 Sinking: 40				

Armament Arrangement



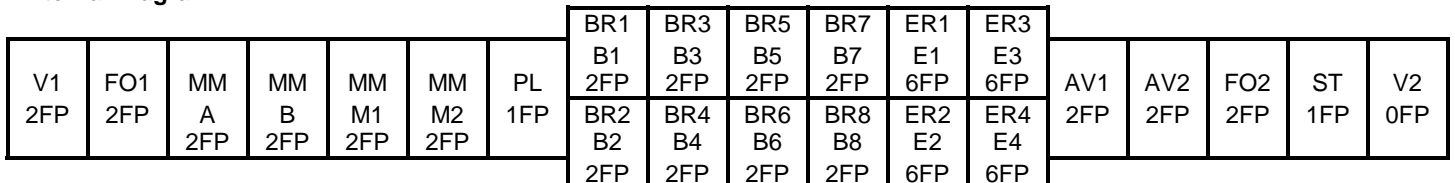
Notes

- Class included Tone and Chikuma.

Hits

	Void 1	11-15	Void 1						
	Fuel Oil 1	13	Officers Quarters						
	Main Magazine A	16-21	Main A						
	Main Magazine B	22-23	Main B						
	Main Magazine M1	24	Main M1						
	Main Magazine M2	25-26	Main M2						
	Plot	31	AAMGS						
	Boiler Room 1 or 2	32	Bridge, Forward Main Director, Port of Starboard Secondary Director						
	Boiler Room 3 or 4	33	Funnel						
	Boiler Room 3 or 4	34	Secondary 1 or 2, Searchlight 1 or 2, Funnel						
	Boiler Room 5 or 6	35	Funnel						
	Boiler Room 7 or 8	36	Secondary 3 or 4, Searchlight 3, AAMGs						
	Engine Room 1 or 2	41	Aft Main Director						
	Engine Room 1 or 2	42	Torpedo 1 or 2, Torpedo Director, AAMGs						
	Engine Room 1 or 2	43-44	Port or Starboard Catapult, Aircraft						
	Engine Room 3 or 4	45	Port or Starboard Catapult, Aircraft, Torpedo 3 or 4						
	Engine Room 3 or 4	46-51	Aircraft						
	Aviation Gas 1	52-54	Aircraft						
	Aviation Gas 2	55-62	Aircraft						
	Fuel Oil 2, Propshaft 1 or 2	63	Aircraft						
	Fuel Oil 2, Propshaft 3 or 4	64	Aircraft						
	Steering	65	Steering						
	Void 2	66	Void 2						

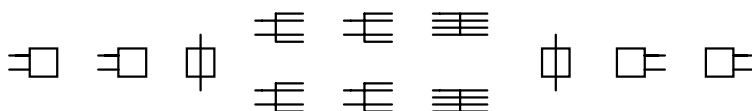
Internal Diagram



Kent

<u>Navy Class</u>	Royal Navy Heavy cruiser	<u>Date</u>	1942 (Cumberland modeled)		
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>		
Main Battery:	8 inch guns in 4 twin turrets	29 inches	Fore and aft		
Secondary Battery:	4 inch guns in 4 twin mounts	16 inches	Aft		
Torpedoes:	21 inch torpedoes in 2 quadruple mounts	13 inches at 4.25"	Port and starboard		
Maximum Value:	9	16 inches at 2.75"			
<u>Gun:</u>	5" 10" 15" 20" 25" 29"	<u>Power</u>	<u>Relia</u>		
8 inch twin	A/10 8/9 6/7 4/5 3/0 2/0	6	B		
4 inch twin	A/12 8/8 2/3 1/0	3	B		
<u>Speed</u>	4.00" 8 boilers 4 engines	<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±2	24": ±3
<u>Flotation</u>	Total: 66 DIW: 33 Sinking: 44				

Armament Arrangement



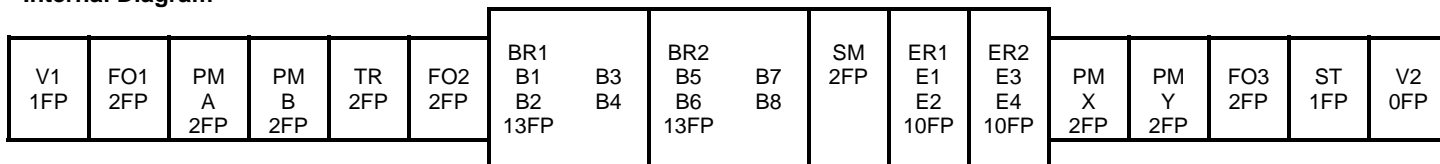
Notes

- Five ships in class, including Kent, Berwick, Cornwall, Cumberland, and Suffolk
- Only Kent had torpedo tubes.
- Norfolk and Dorsetshire similar to Kent, but with uniform belt armor along magazine and machinery spaces.

Hits

Officers Berths	11-12	Void	
Fuel Oil 1	13-14	Void	
Main Magazine A	15-21	Main A	
Main Magazine B	22-24	Main B	
Transmitting	25	Bridge	
Fuel Oil 2	26	Bridge, Forward Main Director	
Boiler Room 1	31	Bridge	
Boiler Room 1	32	Search Radar, AAMGs	
Boiler Room 1	33	Funnel, Secondary 1 or 2	
Boiler Room 2	34	Void, [Torpedo 1 or 2]	
Boiler Room 2	35	Funnel, [Torpedo 1 or 2]	
Boiler Room 2	36	Funnel, Secondary 3 or 4	
Secondary Magazine	41	Funnel	
Engine Room 1	42-43	Catapult, Aircraft	
Engine Room 1	44	Aircraft	
Engine Room 2	45	Secondary Director	
Engine Room 2	46	Searchlight A or B	
Engine Room 2	51	Aft Main Director	
Engine Room 2	52	Void	
Main Magazine X	53-55	Main X	
Main Magazine Y	56-62	Main Y	
Fuel Oil 3, Propshaft 1 or 2	63-64	Void	
Steering, Propshaft 3 or 4	65	Steering	
Void	66	Void	

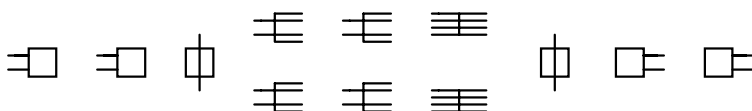
Internal Diagram



London

<u>Navy Class</u>	Royal Navy Heavy cruiser	<u>Date</u>	1944
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	8 inch guns in 4 twin turrets	29 inches	Fore and aft
Secondary Battery:	4 inch guns in 4 twin mounts	16 inches	Aft
Torpedoes:	21 inch torpedoes in 2 quadruple mounts	13 inches at 4.25"	Port and starboard
Maximum Value:	9	16 inches at 2.75"	
<u>Gun:</u>	5" 10" 15" 20" 25" 29"	<u>Power</u>	<u>Relia</u>
8 inch twin	A/10 8/9 6/7 4/5 3/0 2/0	6	B
4 inch twin	A/12 8/8 2/3 1/0	3	B
<u>Speed</u>	4.00" 8 boilers 4 engines	<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±2 24": ±3
<u>Flotation</u>	Total: 66 DIW: 33 Sinking: 44		

Armament Arrangement



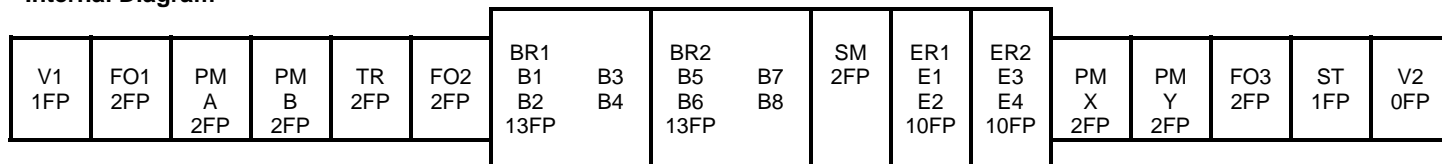
Notes

- Four ships in class, including London, Devonshire, Shropshire, and Suffolk.
- Only London had belt armor along boiler and engine rooms as shown. The others had very light armor (-1) at these locations.

Hits

Officers Berths	11-12	Void	
Fuel Oil 1	13-14	Void	
Main Magazine A	15-21	Main A	
Main Magazine B	22-24	Main B	
Transmitting	25	Bridge	
Fuel Oil 2	26	Bridge, Forward Main Director	
Boiler Room 1	31	Bridge, Forward Secondary Director	
Boiler Room 1	32	Search Radar, AAMGs	
Boiler Room 1	33	Funnel, Secondary 1 or 2	
Boiler Room 2	34	Funnel, Torpedo 1 or 2	
Boiler Room 2	35	Torpedo 1 or 2	
Boiler Room 2	36	Funnel, Secondary 3 or 4	
Secondary Magazine	41	Funnel	
Engine Room 1	42-43	AAMGs	
Engine Room 1	44	AAMGs	
Engine Room 2	45	Searchlight A or B	
Engine Room 2	46	Aft Secondary Director	
Engine Room 2	51	Aft Main Director	
Engine Room 2	52	Void	
Main Magazine X	53-55	Main X	
Main Magazine Y	56-62	Main Y	
Fuel Oil 3, Propshaft 1 or 2	63-64	Void	
Steering, Propshaft 3 or 4	65	Steering	
Void	66	Void	

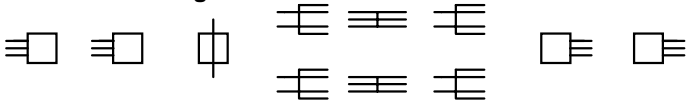
Internal Diagram



Fiji

<u>Navy Class</u>	Royal Navy Light cruiser	<u>Date</u>	1942
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	6 inch guns in 4 triple turrets	25 inches	Fore
Secondary Battery:	4 inch guns in 4 twin mounts	16 inches	Port, starboard and aft
Torpedoes:	21 inch torpedoes in 2 triple mounts	13 inches at 4.25"	Port and starboard
Maximum Value:	9	16 inches at 2.75"	
<u>Gun:</u>	5" 10" 15" 20" 25"	<u>Power</u>	<u>Relia</u>
6 inch triple	A/14 8/12 3/9 2/7 1/4	5	B
4 inch twin	A/12 8/8 2/3 1/0	3	B
<u>Speed</u>	4.00" 4 boilers 4 engines	<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±2 24": ±3
<u>Flotation</u>	Total: 67 DIW: 33 Sinking: 44		

Armament Arrangement



Notes

- Eight ships in class, including Mauritius, Jamaica and Trinidad.
- Ceylon, Uganda and Newfoundland were completed without X turret. Some of the 4 turret ships also lost their X turret during refits.

Hits

Officers Berths	11-12	Void
Fuel Oil 1	13-14	Void
Main Magazine A	15-21	Main A
Main Magazine B	22-24	Main B
Main Magazine B	25	Bridge
Transmitting Room	26	Bridge, Main Director
Boiler Room 1	31	Bridge, Forward Secondary Director 1 or 2
Boiler Room 1	32	Search Radar
Boiler Room 1	33	Funnel, AAMGs
Engine Room 1	34	AAMGs
Engine Room 1	35	Void
Engine Room 1	36	Void
Boiler Room 2	41-42	Funnel
Boiler Room 2	43	Secondary 1 or 2, Searchlight
Secondary Magazine	44	Torpedo 1 or 2
Secondary Magazine	45	Torpedo 1 or 2
Engine Room 2	46	Secondary 3 or 4
Engine Room 2	51	AAMGs
Engine Room 2	52	Aft Secondary Director
Main Magazine X	53-55	Main X
Main Magazine Y	56-62	Main Y
Fuel Oil 2, Propshaft 1 or 2	63-64	Void
Steering, Propshaft 3 or 4	65	Steering
Void	66	Void

Internal Diagram

V1 1FP	FO1 2FP	FM A 2FP	FM B 2FP	TR 1FP	BR1 B1 B2 14FP	ER1 E1 E2 11FP	BR2 B3 B4 14FP	SM 2FP	ER2 E3 E4 11FP	AM X 2FP	AM Y 2FP	FO2 2FP	ST 1FP	V 0FP
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“O/P/Q/R/S/T/U/V” Classes

<u>Navy Class</u>	Royal Navy Destroyer	<u>Date</u>	1941
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4 inch guns in 4 single mounts [4.7 inch guns in 4 single mounts]	17 inches 18 inches	Fore Fore]
Torpedoes:	21 inch torpedoes in 2 quadruple mounts	13 inches at 4.25"	Port and starboard
Maximum Value:	9	16 inches at 2.75"	
<u>Gun:</u>	5" 10" 15" 18"	Power	Relia
4 inch single	A/10 8/6 2/1 1/-2	3	B
4.7 inch single	A/10 8/6 2/2 1/-1	4	B
<u>Speed</u>	4.50 2 boilers 2 engines	<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±3 24": ±5
<u>Flotation</u>	Total: 27 DIW: 14 Sinking: 18		

Armament Arrangement



Notes

- Seventy-one units in classes O through W.
- Some of units of the O and P classes had 4 4.7" guns. The 4.7" gun-armed Os and Ps gave up the aft set of torpedo tubes for a 4" AA gun. The gun cannot engage surface targets. Oribi, Onslow, Onslaught and Offa had 4.7s.
- The Qs through Vs (except Savage) all had 4 4.7s and no 4" gun. Their 4.7s could elevate to 55 degrees, giving them a measure of main battery antiaircraft capability.
- GR space is the Gearing Room. Treat hits on it as Engine Room hits, although it floods separately.

Hits

	Fuel Oil 1	11-14	Forward Void
	Fuel Oil 1	15	Main A
Forward Main Magazine		16-21	Main A
Forward Main Magazine		22-23	Main B
	Fuel Oil 1	24	Main B
	Fuel Oil 1	25	AAMGs
	Fuel Oil 1	26	Bridge
	Fuel Oil 1	31	Bridge
	Boiler Room 1	32	Main Director
	Boiler Room 1	33	Search Radar
	Boiler Room 1	34	Funnel
	Boiler Room 2	35-36	Funnel
	Boiler Room 2	41	AAMGs
	Engine Room	42-44	Torpedo A
	Engine Room	45	Torpedo B
	Gearing Room	46-51	Torpedo B
	Fuel Oil 2	52	Searchlight
	Fuel Oil 2	53	AAMGs
	Fuel Oil 2	54-55	Main X
Aft Main Magazine		55	Main X
Aft Main Magazine		56	Main X
Aft Main Magazine		61-62	Main Y
Propshaft 1 or 2		63-64	Void
Steering		65-66	Steering

Internal Diagram

VO1	FM	FO1	BR1	BR2	ER	GR	FO2	AM	ST
1FP	A&B	2FP	B1	B3	E1	3FP	2FP	X&Y	1FP
	1FP		5FP	5FP	E2			1FP	
					6FP				