

A CHRISTMAS BATTLE

0608 25 December 1940

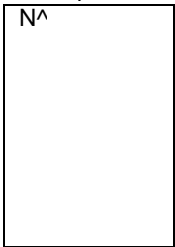
Background: Once the battle for Norway was resolved, the Germans returned to using their heavy ships as merchant raiders. German ships so detailed were under orders to avoid fights with any escort of equivalent strength. Captain Meisel, commanding the cruiser Admiral Hipper, thought that he was following these orders when he fell in with a southbound British convoy well off the Bay of Biscay. He shadowed it during the night, but when the dawn came he found he had fallen in with a strongly escorted troop convoy. Undaunted, Meisel resolved to attack the Royal Navy escort.

Forces:

Royal Navy Captain Warren	Division 1	Berwick	("County" Class)
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Kriegsmarine Captain Meisel	Division 1	Admiral Hipper	(Admiral Hipper)
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Set-up:



German Division 1 is 25 inches from the north edge and 24 inches from the east edge, headed due east.

British Division 1 is 35 inches from the north edge and 24 inches from the east edge, headed due east.

Victory Conditions: Each side gets 1 point for each opposing ship left dead in the water and 2 points for each opposing ship sunk. The German player gets 1 point for exiting Hipper from the south edge.

Special Rules:

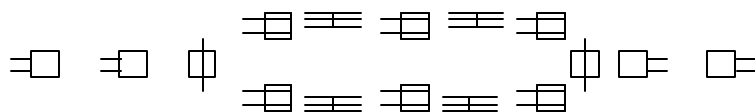
1. For the first **7** turns, the visibility base is **6** and the gunfire modifier is **-6** – dawn and murky. Thereafter, the visibility base is **6 plus 1D6** (rolled at the start of each turn) and the gunfire modifier is **-2** – squally weather.
2. The Royal Navy player may receive reinforcements in the form of the Bonaventure ("Dido" class) and the the Dunedin ("D" class cruiser). Roll **1D6** each turn. On a roll of **1**, Bonaventure enters from anywhere on the south edge. On a roll of **2**, Dunedin enters from anywhere on the south edge.
3. The Admiral Hipper has spotted the Berwick as the scenario begins.

Outcome: While the lucrative convoy target tempted Meisel to fight, the Berwick's accurate shooting discouraged him from pressing the engagement. The Hipper broke off the action before either side inflicted serious damage on the other.

Admiral Hipper/Prinz Eugen

<u>Navy</u>	Deutsches Kriegsmarine				<u>Date</u>	1940				
<u>Class</u>	Heavy cruiser									
<u>Surface Armament</u>					<u>Ranges</u>	<u>Directors</u>				
Main Battery:	8 inch guns in 4 twin turrets				39 inches	Fore and aft				
Secondary Battery:	4.1 inch guns in 6 twin turrets				16 inches	Four Cornered				
Torpedoes:	21 inch torpedoes in 4 triple mounts 2 special hits				8 inches at 5.00" 13 inches at 3.75"	Port and starboard				
<u>Gun:</u>	5"	10"	15"	20"	25"	30"	35"	39"	Power	Relia
8 inch triple	A/10	8/9	6/7	4/5	3/1	2/0	1/0	1/0	6	B
4.1 inch twin	A/13	8/8	2/4	1/-1					3	B
<u>Speed</u>	4.00"	12 boilers	3 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							

Armament Arrangement



Notes

- Admiral Hipper and Blucher in class; Prinz Eugen similar.
- Forward secondary magazine for mounts 1 and 2, aft for mounts 3-6.
- Forward fire control controls A and B; aft controls X and Y.
- Engine room 1 drives shafts 1 and 2; engine room 2 drives shaft 3.

Hits

Void	11-12	Void
Fuel Oil 1	13-14	Void
Main Magazine A	15-21	Main A
Main Magazine B	22-24	Main B
Forward Fire Control	25	Bridge, AAMGs
Generator Room	26	Bridge, Secondary 1 or 2
Boiler Room 1	31	Bridge,
		Forward Main Director, Secondary Director 1 or 2, Torpedo 1 or 2
Boiler Room 1	32	Torpedo 1 or 2
Boiler Room 2	33	Funnel
Boiler Room 2	34	Funnel, Searchlight 1 or 2
Forward Secondary Magazine	35	Hanger
Boiler Room 3	36	Catapult, Aircraft
Boiler Room 3	41	Catapult, Aircraft, Secondary 3 or 4
Engine Room 1	42	Torpedo 3 or 4, Secondary Director 3 or 4, Searchlight X
Engine Room 1	43	Torpedo 3 or 4, AAMGs
Engine Room 1	44	Secondary 5 or 6
Aft Secondary Magazine, Aft Fire Control	45	Aft Main Director
Engine Room 2	51-53	AAMGs
Main Magazine X	54-55	Main X
Main Magazine Y	56-62	Main Y
Fuel Oil 3, Propshaft 1 or 2	63-64	Void
Steering, Propshaft 3	65	Steering
Void	66	Void

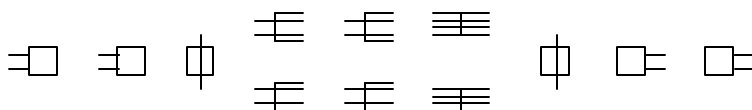
Internal Diagram

V1	FO1	PM	PM	GR	BR1	BR2	BR3	AFC	ER1	ER2	PM	PM	FO3	ST	V2
1FP	2FP	A	B	FFC	B1,2	B5,6	B9	SM2	E1	E3	X	Y	2FP	1FP	0FP
		2FP	2FP	2FP	B3,4	B7,8	B10	1FP	E2	5FP					
					10FP	10FP	10FP		10FP						

Kent

<u>Navy</u>	Royal Navy		<u>Date</u>	1942 (Cumberland modeled)				
<u>Class</u>	Heavy cruiser							
<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"	Power	Relia
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



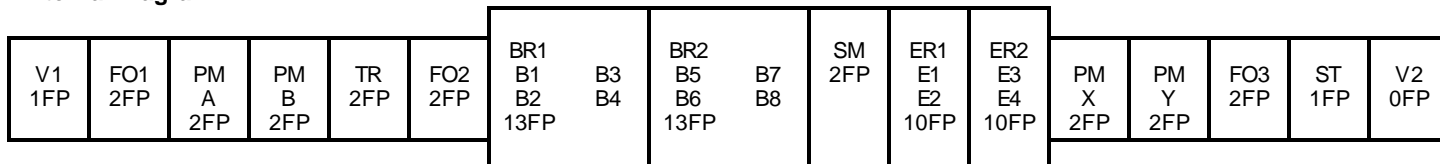
Notes

- 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

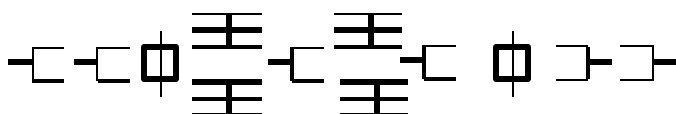
Internal Diagram



“D” Class Cruiser

<u>Navy Class</u>	Royal Navy Light Cruiser	<u>Date</u>	1939		
<u>Surface Armament</u>		<u>Ranges</u>		<u>Directors</u>	
Main Battery:	6 inch guns in 6 single mounts	17 inches		Fore and Aft	
Torpedoes:	21 inch torpedoes in 4 triple mounts	8 inches at 4.75			
Maximum Value:	8	10 inches at 3.50			
		13 inches at 3.00			
<u>Gun:</u>	5" 10" 15" 17"	<u>Power</u>	<u>Relia</u>		
6 inch single	A/10 8/8 3/4 2/2	5	B		
<u>Speed</u>	3.50 6 boilers 2 engines	<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±2	24": ±4
<u>Flotation</u>	Total: 42 DIW: 21 Sinking: 28				

Armament Arrangement



Notes

- Ultimate class of WW I British light cruisers.
- Delhi was rearmed, but the other 7 ships of the class fought in WW II with little modification.

Hits

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

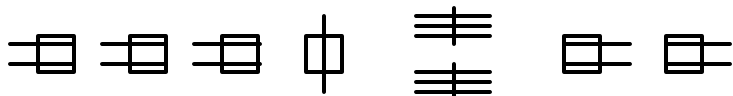
Internal Diagram

FO1 1FP	FM A 1FP	FO2 3FP	BR1 B1 5FP	BR2 B3,B4 B5,B6 10FP	MM M 1FP	ER1 E1 9FP	ER2 E2 9FP	AM X&Y 1FP	FO3 1FP	ST 1FP
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Dido

<u>Navy Class</u>	Royal Navy Light cruiser	<u>Date</u>	1942
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	5.25 inch guns in 5 twin turrets	24 inches	Forward (surface), fore and aft (air)
Torpedoes:	21 inch torpedoes in 2 triple mounts 2 special hits	13 inches at 4.25" 16 inches at 2.75"	Port and starboard
<u>Gun:</u>	5" 10" 15" 20" 24" Power		Relia
5.25 inch twin	A/13 8/10 3/6 2/2 1/0 4		B
<u>Speed</u>	4.25" 4 boilers 4 engines	<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±3 24": ±4
<u>Flotation</u>	Total: 69 DIW: 35 Sinking: 42		

Armament Arrangement



Notes

- Nine ships in class, including Cleopatra, Euryalus, Naiad and Phoebe.
- Some were built without the C turret, but had it installed later.

Hits

Officers Berths	11-12	Void
Fuel Oil 1	13-14	Void
Main Magazine A	15-16	Turret A
Main Magazine B	21-22	Turret B
Main Magazine C	23-24	Turret C
Fuel Oil 2	25	AAMGs
Fuel Oil 2	26	Bridge
Transmitting Room	31	Bridge, Main Director Surface
Boiler Room 1	32	Bridge, Forward Main Director Air
Boiler Room 1	33	AAMGs
Boiler Room 1	34	Search Radar
Boiler Room 1	35	Funnel
Engine Room 1	36	Searchlight 1 or 2
Engine Room 1	41	Void
Engine Room 1	42	AAMGs
Boiler Room 2	43-44	Void
Boiler Room 2	45	Funnel
Boiler Room 2	46	Searchlight 3 or 4
Engine Room 2	51	Void
Engine Room 2	52	Aft Main Director Air
Engine Room 2	53	AAMGs
Main Magazine X	54-55	Main X
Main Magazine Y	56-61	Main Y
Fuel Oil 2, Propshaft 1 or 2	62	Void
Fuel Oil 2, Propshaft 3 or 4)	63-64	Void
Steering	65	Steering
Void	66	Void

Internal Diagram

V1	FO1	FM	FM	FM	FO2	TR	BR1	ER1	BR2	ER2	AM	AM	FO3	ST	V2
1FP	2FP	A	B	C	2FP	1FP	B1	E1	B3	E3	X	Y	2FP	1FP	0FP
		2FP	2FP	2FP			B2	E2	B4	E4	2FP	2FP			
							14FP	11FP	14FP	11FP					