

## THE CHANNEL DASH

1517 12 February 1942

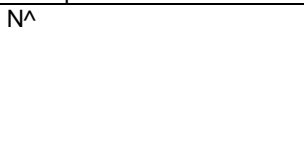
Background: Scharnhorst and Gneisenau arrived at the French harbor of Brest a successful cruise against British merchant shipping. Once at Brest, the two battlecruisers found themselves subject to increasingly effective RAF air attacks. Faced with continuing damage from the RAF and Hitler's sudden intuition that Norway was about to be invaded, the Kriegsmarine decided to send the ships straight through the Channel north to Wilhelmshaven in company with the cruiser Prinz Eugen.

The bold German move, conducted in poor visibility, took the British by surprise. RAF responses were feeble and uncoordinated; the Royal Navy pitched in with its only available forces – torpedo bombers, motor torpedo boats, and super-annuated World War I destroyers. The scenario depicts the destroyer attack.

### Forces:

Royal Navy Captain P. T. M. Pizey	Division 1	Campbell Vivacious Worcester	("Scott" Class -- flag) ("V/W" Class) ("V/W" Class)
	Division 2	Mackay Whitshed	("Scott" Class -- flag) ("V/W" Class)
Kriegsmarine Vice-Admiral Cilax	Division 1	Gneisenau	(Scharnhorst)
	Division 2	Prinz Eugen	(Prinz Eugen)

### Set-up:



German Division 1 is on a course of 030, 24 inches from the north edge and 30 inches from the west edge. German Division 2 is on a course of 030, 26 inches from the north edge and 32 inches from the west edge.

British Division 1 is in line ahead on a course of 060, 12 inches from the north edge and 14 inches from the west edge. British Division 2 is in line ahead following Division 1.

Victory Conditions: The British player gets 1 point for each torpedo hit. The German player gets 1 point for each British destroyer sunk.

### Special Rules:

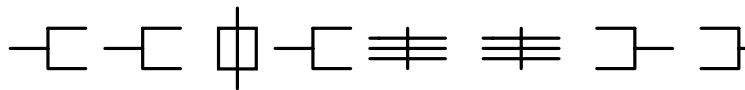
1. The British destroyers are equipped with WW I era Mark IV torpedoes having speeds and ranges of 4 inches at 5.50 inches/turn and 9 inches at 3.75 inches/turn.
2. The German ships have no torpedoes.
3. The Scotts have 271 radar.
4. Visibility is rolled each turn on **1D6** -- an overcast afternoon with rain and mist. The gunfire factor is **--5**.

Outcome: The old destroyers bored in through poor visibility to attain launch positions against the Prinz Eugen and Gneisenau, but all of their torpedoes missed. Although German gunfire lashed the ships, miraculously, none were sunk. The German ships escaped to German ports, but only after the Scharnhorst took significant damage from two mines.

# Scott

<u>Navy</u>	Royal 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:	4.7 inch guns in 5 single mounts	16 inches	Fore
Torpedoes:	21 inch torpedoes in 2 triple mounts	4 inches at 5.50"	Port and starboard
		9 inches at 3.75"	
<u>Speed</u>	3.75"	4 boilers	2 engines
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 16
<u>Torpedo Hits</u> 17.7"-18": ±1    20.5"-22.5": ±4    24": ±6			

## Armament Arrangement



## Notes

- Later modified as escort vessels, but in this original configuration for the Channel Dash.
- AAMG is a 3 inch AA gun, only capable of engaging aerial targets.

## 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	Bridge
	Fuel Oil 2	26	Bridge, Main Director
	Fuel Oil 2	31	Search Radar
	Boiler Room 1	32	Funnel
	Boiler Room 1	33-35	Main M
	Boiler Room 2	36	Funnel
	Boiler Room 2	41-42	AAMGs
	Boiler Room 2	43	Torpedo A
	Engine Room 1	44-45	Torpedo A
	Engine Room 1	46	Searchlight
	Engine Room 2	51-53	Torpedo B
	Fuel Oil 3	54-55	Main X
	Aft Magazine	56	Main X
	Aft Magazine	61-62	Main Y
Fuel Oil 4, Propshaft 1 or 2	63	Main Y	
Fuel Oil 4, Propshaft 1 or 2	64	Void	
	Steering	65-66	Steering

## Internal Diagram

FO1 1FP	FM AB 1FP	FO2 3FP	BR1 B1 B2 4FP	BR2 B3 B4 4FP	ER1 E1 4FP	ER2 E2 4FP	FO3 1FP	AM XY 1FP	FO4 1FP	ST 1FP
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## W/V 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
				9 inches at 3.75"	
<u>Speed</u>	4.25"	3 boilers	2 engines		
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 16		
				<u>Torpedo Hits</u>	17.7"-18": ±1      20.5"-22.5": ±4      24": ±6

### Armament Arrangement



### Notes

- 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

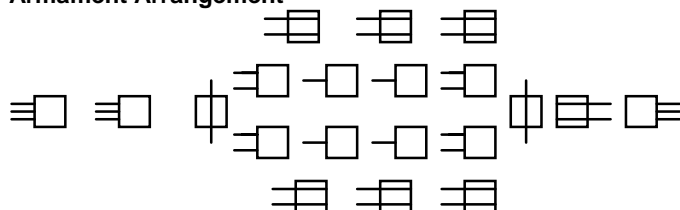
### Internal Diagram

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

<u>Navy Class</u>	Deutsches Kriegsmarine Battleship	<u>Date</u>	1941
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	11 inch guns in 3 triple turrets	45 inches	Fore and aft
Secondary Battery:	5.9 inch guns in 4 twin and 4 single mounts	24 inches	Fore and aft
Anti-air Battery	4.1 inch guns in 7 twin mounts	16 inches	Four-cornered
<u>Speed</u>	3.75"	12 boilers	3 engines
<u>Flotation</u>	Total: 68	DIW: 34	Sinking: 46
<u>Bulge</u>	-1 for torpedo hits in way of locations 24-53	<u>Torpedo Hits</u>	17.7"-18": 50%    20.5"-22.5": ±0    24": ±1

## Armament Arrangement



## Notes

- Gneisenau was other ship in class
- Scharnhorst added 2 triple torpedo mounts in 1943 as shown. Speeds: 8 inches @ 5.00", 13 inches @ 3.75". Two special hits. Directors port and starboard.

## Hits

	Fuel Oil 1	11-12	Void
	Fuel Oil 2	13-14	AAMGs
	Main Magazine A	15-21	Main A
	Main Magazine B	22-24	Main B
	Plot/CIC	25	Bridge
	Diesel Room	26	Bridge, Forward Secondary Director
	Boiler Room 1	31	Bridge, Secondary 1 or 2, Forward Main Director
	Boiler Room 1	32	Anti-air Director 1 or 2
	Boiler Room 2	33	Anti-air 1 or 2
	Boiler Room 2	34	Secondary 3 or 4
	Secondary Magazine	35	Anti-air 3 or 4, Funnel, Searchlight 1 or 2
	Boiler Room 3	36	Secondary 5 or 6, Funnel
	Boiler Room 3	41	Anti-air Director 3 or 4
	Engine Room 1 or 2	42	Hanger, Anti-air 5 or 6
	Engine Room 1 or 2	42	Hanger
	Engine Room 1 or 2	44	Searchlight 3 or 4, Catapult
	Engine Room 3	45	Secondary 7 or 8, Catapult
	Engine Room 3	46	Aft Main Director
	Engine Room 3	51	AAMGs
	Engine Room 3	52	Anti-air 7
	Main Magazine X	53-55	Main X
	Center Propshaft, Fuel Oil 3	56	Void
	Port or Starboard Propshaft, Fuel Oil 3	61	Void
	Fuel Oil 3	62	Void [Torpedo 1 or 2]
	Steering	63	Void [Torpedo 1 or 2]
	Steering	64	Steering
	Fuel Oil 4	65-66	AAMGs

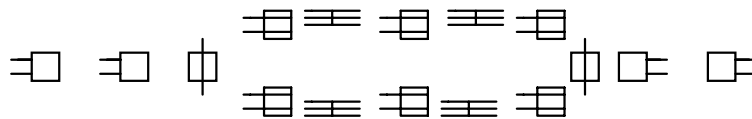
## Internal Diagram

FO1 1FP	FO2 2FP	FM A 2FP	FM B 2FP	FCS Plot 1FP	DR 6FP	BR1 B1-4 6FP	BR2 B5-8 6FP	SM 2FP	BR3 B9- 12 6FP	ER1 12FP	E1	ER3 E3 12FP	AM Y 2FP	FO3 3FP	ST 1FP	FO4 2FP
										ER2 12FP	E2					

# Admiral Hipper/Prinz Eugen

<u>Navy</u> <u>Class</u>	Deutsches Kriegsmarine Heavy cruiser		<u>Date</u>	1940	
<u>Surface Armament</u>			<u>Ranges</u>		
Main Battery:	8 inch guns in 4 twin turrets		39 inches	<u>Directors</u>	
Secondary Battery:	4.1 inch guns in 6 twin turrets		16 inches	Fore and aft	
Torpedoes:	21 inch torpedoes in 4 triple mounts 2 special hits		8 inches at 5.00" 13 inches at 3.75"	Four Cornered Port and starboard	
<u>Speed</u>	4.00"	12 boilers	3 engines		
<u>Flotation</u>	Total: 63	DIW: 32	Sinking: 42		
			<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±2    24": ±3

## 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 1FP	FO1 2FP	PM A 2FP	PM B 2FP	GR FFC 2FP	BR1 B1,2 B3,4 10FP	BR2 B5,6 B7,8 10FP	SM1 1FP	BR3 B9 B10 10FP	B11 B12	AFC SM2 1FP	ER1 E1 E2 10FP	ER2 E3 5FP	PM X 2FP	PM Y 2FP	FO3 2FP	ST 1FP	V2 0FP
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