

EDINBURGH

0625 2 May 1942

Background: The Edinburgh was acting as escort for Convoy QP.11 when she was torpedoed by U456. German destroyers sortied from their Norwegian base to find and sink the crippled British cruiser.

Forces:

Royal Navy	Division 1	Edinburgh	(Belfast)
Rear Admiral Bonham-Carter	Division 2	Forester Foresight	("F" Class -- flag) ("F" Class)
Kriegsmarine	Division 1	Hermann Schoemann	(Type 34A -- flag)
Captain Schulze-Hinrichs		Z25	(Type 36A)
		Z24	(Type 36A)

Set-up:

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German Division 1 is steaming on a course of 210 in line abreast with the flagship northernmost, with 3 inches between each ship, the flagship being 36 inches from the north edge and 45 inches from the east edge.

British Division 1 is steaming on a course of 270 in line ahead, 24 inches from the north edge and 36 inches from the east edge. British Division 2 is steaming on a course of 270 in line ahead, directly behind Division 1.

Victory Conditions:

- The German player receives 2 points for leaving Edinburgh with 0 speed, 1 point for leaving any destroyer with 0 speed, 4 points for sinking Edinburgh and 2 points for sinking any destroyer.
- The British player gets 2 points per sunk destroyer and 1 point per destroyer left with 0 speed.

Special Rules:

- The British destroyers have Type 271 and 285 radars.
- The Edinburgh has sustained damage as a result of two prior torpedo hits:
 - She has no operational radars.
 - Her main armament must fire in local control.
 - She is limited to a speed of 1.50 inches.
 - Y turret is destroyed.
 - All spaces from Y magazine aft are flooded, as is Engine Room 2.
 - She is steering manually. All movement must be plotted 1 turn in advance.
 - Propshaft 3 is destroyed.
- Z24 and Z25 have both fired their A mount torpedoes.
- Optional: Play this scenario after the QP.11 scenario, giving the German ships the damage received and the torpedoes retained from the previous action.
- Visibility is **12** – Arctic day. The gunfire factor is **-1**.

Outcome: Even though she was firing her main armament in local control, Edinburgh managed to wreck Schoemann in short order. The remaining German destroyers succeeded in putting another torpedo into Edinburgh, sealing her fate. As the action ended, the Germans scuttled Schoemann and Foresight scuttled the British cruiser with a torpedo.

Belfast

<u>Navy Class</u>	Royal Navy Heavy 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 and aft
Secondary Battery:	4 inch guns in 4 twin mounts	16 inches	Port, starboard and aft
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>Speed</u>	4.00"	4 boilers	4 engines
<u>Flotation</u>	Total: 67	DIW: 33	Sinking: 44
		<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±2 24": ±3

Armament Arrangement



Notes

- Similar to Southampton class, but with re-arranged internal spaces.
- Two in class: Belfast and Edinburgh
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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
Secondary Magazine	31	Bridge, Forward Secondary Director 1 or 2
Secondary Magazine	32	Search Radar, Aircraft
Boiler Room 1	33	AAMGs, Aircraft
Boiler Room 1	34	Funnel, AAMGs
Boiler Room 1	35	Catapult
Engine Room 1	36	Void
Engine Room 1	41	Funnel
Engine Room 1	42	Secondary 1 or 2, Searchlight
Boiler Room 2	43-44	Torpedo 1 or 2
Boiler Room 2	45	Torpedo 1 or 2
Engine Room 2	46	Secondary 3 or 4
Engine Room 2	51	AAMGs, Aft Secondary Director
Engine Room 2	52	Aft Secondary Director, Aft Primary 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	FO1	FM	FM	TR	SM	BR1	ER1	BR2	ER2	AM	AM	FO2	ST	V
1FP	2FP	A	B	1FP	2FP	B1	E1	B3	E3	X	Y	2FP	1FP	0FP
		2FP	2FP			B2	E2	B4	E4	X	Y			
						14FP	11FP	14FP	11FP	2FP	2FP			

“E/F/G/H/I” Classes

<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 4 single mounts	18 inches	Fore
Torpedoes:	21 inch torpedoes in 2 quadruple mounts 2 special hits	13 inches at 4.25" 16 inches at 2.75"	Port and starboard
<u>Speed</u>	4.50	3 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

- Classic British inter-war destroyer design.
- Eight ships in each class, for a total of 40.
- Is had quintuple mounts.
- Similar in game terms were 6 Hs built for Brazil but taken over by the Royal Navy. These lacked Y mount.
- Also similar were 2 Is built for Turkey (Inconstant and Ithuriel) but used by the RN. These had quadruple torpedo mounts.
- Most gave up a torpedo mount later in the war to ship a 3 inch anti-aircraft gun. This is treated as an AAMG for game purposes.

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 2	24	Main B
Fuel Oil 2	25	AAMGs
Fuel Oil 2	26	Bridge
Fuel Oil 2	31	Bridge
Boiler Room 1	32	Main Director
Boiler Room 1	33	Funnel
Boiler Room 2	34	Funnel
Boiler Room 2	35	AAMGs
Boiler Room 3	36	AAMGs
Boiler Room 3	41	Funnel
Engine Room	42-44	Torpedo A
Engine Room	45-51	Torpedo B [AAMGs]
Aft Main Magazine	52	Searchlight
Aft Main Magazine	53	AAMGs
Aft Main Magazine	54-55	Main X
Fuel Oil 3	56	Main X
Fuel Oil 3	61-62	Main Y
Propshaft 1 or 2	63-64	Void
Steering	65-66	Steering

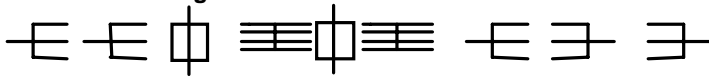
Internal Diagram

FO1 1FP	FM A&B 1FP	FO2 3FP	BR1 B1 3FP	BR2 B2 4FP	BR3 B3 3FP	ER E1 E2 9FP	AM X&Y 1FP	FO3 1FP	ST 1FP
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Type 34

<u>Navy Class</u>	Deutsches Kriegsmarine Destroyer	<u>Date</u>	1940
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	5 inch guns in 5 single mounts	18 inches	Fore and aft
Torpedoes:	21 inch torpedoes in 2 quadruple mounts	8 inches at 5.00" 13 inches at 3.75"	Port and starboard
<u>Speed</u>	4.75" 6 boilers 2 engines		
<u>Flotation</u>	Total: 33 DIW: 17 Sinking: 22		
		<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±3 24": ±5

Armament Arrangement



Notes

- Class included Z-1 through Z-8.
- Z-9 through Z-13 were Type 34A, similar in game terms.
- Z-14 through Z-21 were Type 36, also similar in game turns.
- Fuel tanks like cruisers, outboard of machinery spaces.

Hits

	Void 1	11-13	Forward Void
	Void 1	14	Main A
	Void 1	15-16	Main A
Forward Main Magazine		21-22	Main B
Forward Main Magazine		23	AAMGs
Forward Main Magazine		24	Bridge
Boiler Room 1		25	Torpedo Directors, Bridge
Boiler Room 1		26	Forward Director, Bridge
Boiler Room 2		31	Funnel
Boiler Room 2		32	Torpedo A
Turbogenerator Room		33	Torpedo A
Boiler Room 3		34	Torpedo A
Boiler Room 3		35	Funnel, AAMGs, Searchlight
Engine Room 1		36	Funnel, AAMGs, Searchlight
Engine Room 1		41	Aft Director
Engine Room 1		42	Torpedo B
Void 2		43	Torpedo B
Engine Room 2		44	Torpedo B
Engine Room 2		45	Main M
Engine Room 2		46	Main M
Aft Main Magazine		51	Main M
Aft Main Magazine		52	AAMGs
Aft Main Magazine		53-55	Main X
Void 3, Propshaft 1 or 2		56-62	Main Y
Void 3, Propshaft 1 or 2		63-64	Void
Steering		65-66	Steering

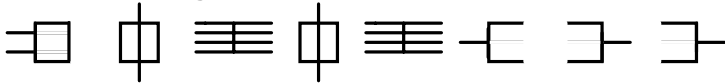
Internal Diagram

V1	FM	BR1	BR2	TR	BR3	ER1	V2	ER2	AM	V3	ST
2FP	A	B1,B2	B3,B4	1FP	B5,B6	E1	1FP	E2	MX	3FP	2FP
	3FP	3FP	3FP		3FP	4FP		4FP	4FP		

Type 36A

<u>Navy Class</u>	Deutsches Kriegsmarine Destroyer	<u>Date</u>	1942
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	5.9 inch guns in 1 twin and 3 single turrets	24 inches	Forward and aft
Torpedoes:	21 inch torpedoes in 2 quadruple mounts	8 inches at 5.00" 13 inches at 3.75"	Port and starboard
<u>Speed</u>	4.75"	6 boilers	2 engines
<u>Flotation</u>	Total: 31	DIW: 16	Sinking: 20
		<u>Torpedo Hits</u>	17.7"-18": ±1 20.5"-22.5": ±3 24": ±5

Armament Arrangement



Hits

Void 1	11-14	Void
Forward Main Magazine	15-22	Main A
Forward Main Magazine	23-24	AAMGs
Boiler Room 1	25	Bridge, Torpedo Directors
Boiler Room 1	26	Bridge, Forward Director
Boiler Room 2	31	Funnel
Boiler Room 2	32	Funnel
Turbogenerator Room	33	Torpedo A
Boiler Room 3	34-35	Torpedo A
Boiler Room 3	36	Funnel
Engine Room 1	41	Searchlight, AAMGs
Engine Room 1	42-43	Torpedo B, Torpedo Director
Fuel Oil	44	Torpedo B
Engine Room 2	45	AAMGs, Main M
Engine Room 2	46	Main M
Engine Room 2	51	Main M
Aft Main Magazine	52	AAMGs
Aft Main Magazine	53-55	Main X
Void 2	56-62	Main Y
Void 2, Propshaft 1 or 2	63-64	Void
Steering	65-66	Steering

Notes

- Class included Z-23 through Z-39.
- First eight completed with 4 single gun mounts. Most received a forward turret in lieu of the forward single mount in 1942.
- At first glance, "super-destroyers"; but the class suffered from poor sea-keeping abilities, unreliable powerplant, and a main battery too large for the hulls
- -2 to main battery accuracy; -3 (rather than -2) optional modifier in heavy seas.
- Fuel tanks like cruisers, outboard of machinery spaces.

Internal Diagram

V1	FM	BR1	BR2	TR	BR3	ER1	ER2	AM	V2	ST
1FP	A	B1,B2	B3,B4	1FP	B5,B6	E1	E2	MX	2FP	2FP
	3FP	3FP	3FP		3FP	4FP	4FP	4FP		