

1.1 AGAINST NEPTUNE

0115 9 June 1944

Background: Operation Neptune -- the Allied landings in Northern France -- brought a last spasm of activity from the Kriegsmarine's surface forces in the Channel. On the evening of June 8th, a German destroyer division left Brest to strike at the Allied shipping off the invasion beaches. Alerted to the German sortie by an Ultra decrypt, the British mustered a strong force of British, Canadian and Polish ships to intercept the Germans.

Forces:

Royal Navy Captain B. Jones	Division 1	Tartar Ashanti Huron Haida	("Tribal" Class-- flag) ("Tribal" Class) ("Tribal" Class) ("Tribal" Class)
	Division 2	Blyskawika Piorun Eskimo Javelin	(Blyskawika -- flag) ("N" Class) ("Tribal" Class) ("J" Class)
Kriegsmarine Captain von Bechtolsheim	Division 1	Z32 Z24 ZH1 T24	(Type 36A -- flag) (Type 36A) (ZH1) (Type 39)

Set-up:



German Division 1 is on a course of 090, 50 inches from the north edge and 30 inches from the east edge.

British Division 1 is on a course of 210, in line ahead, 38 inches from the north edge and 21 inches from the east edge.

British Division 2 is on a course of 210, in line ahead, 4 inches north of Division 1.

Victory Conditions:

- a) Each side gets 1 point for each enemy ship left with a speed of 0 and 2 points for each enemy ship sunk.
- b) The German player receives 1 point for each ship exited from the north edge of the map.

Special Rules:

1. Each German Type 36A destroyer has its forward twin 5.9 inch turret installed, thus giving it a twin turret in A position and single mounts in M, X, and Y positions..
2. The British were listening in on the German tactical radio net, and got indications of when the Germans were firing torpedoes. Whenever the German player places a torpedo marker, the British player is entitled to know whether it is real or a dummy on a 1D6 roll of 1-4. The German player must place torpedo markers before movement is plotted.
3. The British and Polish destroyers have 271, 281 and 285 radar and CICs.
4. The Tribals have twin 4 inch mounts in their X positions. These mounts may fire starshell but may not engage surface targets.
5. Blyskawika is a British-built Polish destroyer. Treat her as an "L" class destroyer with 4 twin 4 inch mounts, but give her 2 triple 21" torpedo mounts.
6. ZH1 is a Dutch destroyer completed by the Germans. Treat her as an Isaac Sweers class destroyer, but with twin 4.7 inch mounts in the "A" and "X" positions, a single 4.7" mount in the "Y" position and 2 quintuple 21" torpedo mounts.
7. Gunfire from the German Type 36A destroyers is subject to a -2 modifier.
8. The spotting base is 6, with a -4 gunfire modifier -- night with moonlight.

Outcome: The Allied force spotted the Germans on radar and maneuvered to deliver a torpedo attack. The Germans spotted the Allies in the moonlight and counter-maneuvered. A gunfire and torpedo melee then ensued, with the Germans putting up a determined fight in the face of Allied numerical superiority. Weight of numbers eventually told and the Germans broke off the action, losing ZH1 and Z32. The Allies lost no ships, but Tartar was heavily damaged by gunfire.

"L" Class

<u>Navy Class</u>	Royal Navy Destroyer	<u>Date</u>	1941
		<u>Armor</u>	None

<u>Surface Armament</u>	<u>Ranges</u>	<u>Directors</u>
Main Battery: 4 inch guns in 4 twin mounts	17 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

Speed 4.50 2 boilers 2 engines

Flotation Total: 27 DIW: 14 Sinking: 18

Torpedo Hits 17.7"-18": ±1 20.5"-22.5": ±3 24": ±5

Torpedo Size:

Armament Arrangement



Notes

- The "L" class of destroyers were meant to be near twins of the "Js" and "Ks," but some were completed with 8 anti-aircraft guns rather than 6 single-purpose guns.
- Those equipped with this battery were Lance, Gurkha, Legion and Lively.
- GR space is the Gearing Room. Treat hits on it as Engine Room hits, although it floods separately.

Hits

Void 1	11-14	Forward Void
Void 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	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	3FP	B1	B2	E1	3FP	1FP	X&Y	1FP
	1FP		5FP	5FP	E2			1FP	
					6FP				

“J/K/L/M/N” Classes

<u>Navy Class</u>	Royal Navy Destroyer	<u>Date</u>	1940
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4.7 inch guns in 3 twin mounts	18 inches	Fore
Torpedoes:	21 inch torpedoes in 1 quintuple mount 2 special hits	13 inches at 4.25" 16 inches at 2.75"	Port and starboard
<u>Speed</u>	4.50	2 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

- Twenty-four Js and similar Ks and Ns were built.
- Most gave up a torpedo mount to ship a 4 inch anti-aircraft gun. This is treated as an AAMG for game purposes.
- Twelve Ls and Ms were similar, but with 4.7 inch guns in turrets (range 21 inches) and 2 quadruple torpedo mounts.
- GR space is the Gearing Room. Treat hits on it as Engine Room hits, although it floods separately.

Hits

Void 1	11-14	Forward Void
Void 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	AAMGs [Torpedo B]
Gearing Room	46-51	AAMGs [Torpedo B]
Aft Main Magazine	52	Searchlight
Aft Main Magazine	53	AAMGs
Aft Main Magazine	54-55	Main X
Fuel Oil 2	56	Main X
Fuel Oil 2	61-62	Void
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	B2	E1	3FP	2FP	X	1FP
	1FP		5FP	5FP	E2				
					6FP				

"Tribal" Class Refit

<u>Navy Class</u>	Royal Navy Destroyer	<u>Date</u>	1941
		<u>Armor</u>	None
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4.7 inch guns in 3 twin 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

- Twenty-seven "Tribals" and their variants were completed.
- This form represents the "Tribal" class as modified by the substitution of a twin 4 inch AA mount for X Mount. The 4 inch mount is treated as an AAMG for game purposes.
- The "GR" space is the Gearing Room. Treat hits on it as engine room hits. It floods separately from the Engine Room.

Hits

Void 1	11-14	Forward Void
Void 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 2	34	Funnel
Boiler Room 2	35	AAMGs
Boiler Room 3	36	Funnel
Boiler Room 3	41	AAMGs
Engine Room	42-44	Torpedo A
Gearing Room	45-51	AAMGs
Fuel Oil 2	52	Searchlight
Fuel Oil 2	53	AAMGs [Main X]
Fuel Oil 2	54	AAMGs [Main X]
Aft Main Magazine	55	AAMGs [Main X]
Aft Main Magazine	56	Main Y
Aft Main Magazine	61-62	Main Y
Propshaft 1 or 2	63-64	Void
Steering	65-66	Steering

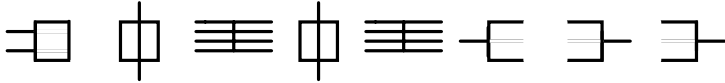
Internal Diagram

VO1	FM	FO1	BR1	BR2	BR3	ER	GR	FO2	AM	ST
1FP	A&B	2FP	B1	B2	B3	E1		2FP	X&Y	1FP
	1FP		4FP	3FP	3FP	E2			1FP	
						5FP	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.

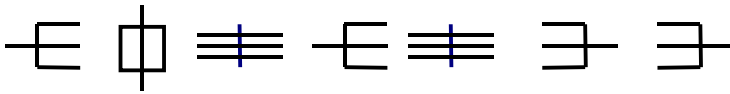
Internal Diagram

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

Type 39

<u>Navy Class</u>	Deutsches Kriegsmarine Torpedo boat	<u>Date</u>	1941
<u>Surface Armament</u>		<u>Ranges</u>	<u>Directors</u>
Main Battery:	4.1 inch guns in 4 single mounts	15 inches	Fore
Torpedoes:	21 inch torpedoes in 2 triple mounts	8 inches at 5.00" 13 inches at 3.75"	Aft
<u>Speed</u>	4.00"	4 boilers	2 engines
<u>Flotation</u>	Total: 29	DIW: 15	Sinking: 20
		<u>Torpedo Hits</u>	17.7"-18": ±2 20.5"-22.5": ±4 24": ±6

Armament Arrangement



<u>Notes</u>
• Class included T-22 through T-36.

Hits

Void 1	11-13	Forward Void
Void 1	14	Main A
Forward Main Magazine	15-16	Main A
Forward Main Magazine	21-22	AAMGs
Fuel Oil 1	23	Bridge
Fuel Oil 1	24	Torpedo Directors, Bridge
Boiler Room 1	25	Main Director, Bridge
Boiler Room 1	26-31	Funnel
Engine Room 1	32-33	Torpedo A
Engine Room 1	34	Torpedo A
Midships Main Magazine	35-36	Main M
Boiler Room 2	42	Funnel
Boiler Room 2	43-44	AAMGs
Engine Room 2	45-46	Torpedo B
Engine Room 2	51	Torpedo B
Turbogenerator Room	52-53	AAMGs
Aft Main Magazine	54-56	Main X
Aft Main Magazine	61	Void
Fuel Oil 2, Propshaft 1 or 2	62-63	Main Y
Fuel Oil 2, Propshaft 1 or 2	64	Void
Steering	65-66	Steering

Internal Diagram

V1 2FP	FM A 2FP	FO1 3FP	BR1 B1,B2 4FP	ER1 E1 3FP	MM M 1FP	BR2 B3,B4 4FP	ER2 E2 3FP	TR 1FP	AM XY 2FP	FO2 2FP	ST 2FP
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Sweers Class

<u>Navy</u>	Royal Netherlands Navy	<u>Date</u>	1942
<u>Class</u>	Destroyer	<u>Armor</u>	None

Surface Armament

<u>Main Battery:</u>	4 inch guns in 3 twin mounts	<u>Ranges</u>	20 inches	<u>Directors</u>	Fore
<u>Torpedoes:</u>	21 inch torpedoes in 2 quadruple mounts 2 special hits		13 inches at 4.25" 16 inches at 2.75"		Port and starboard

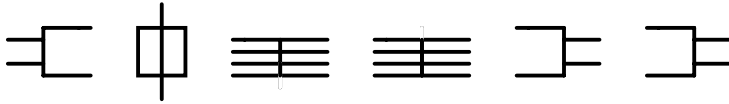
Speed 4.50 3 boilers 2 engines

Flotation Total: 27 DIW: 14 Sinking: 18

Torpedo Hits 17.7"-18": ±1 20.5"-22.5": ±3 24": ±5

Torpedo Size:

Armament Arrangement



Notes

- Completed in British yards with British 4 inch guns.

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	AAMGs
Fuel Oil 2	24	AAMGs
Fuel Oil 2	25	Bridge
Fuel Oil 2	26	Bridge
Fuel Oil 2	31	Main Director
Boiler Room 1	32	Search Radar
Boiler Room 1	33	Funnel
Boiler Room 1	34	Saerchlight
Boiler Room 2	35-36	AAMGs
Boiler Room 2	41	Funnel
Engine Room	42-44	Torpedo A
Engine Room	45	AAMGs
Engine Room	51	Torpedo B
Aft Main Magazine	52	Torpedo B
Aft Main Magazine	53	Torpedo B
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 1FP	FO2 3FP	BR1 B1 4FP	BR2 B2 B3 6FP	ER E1 E2 9FP	AM X&Y 1FP	FO3 1FP	ST 1FP
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