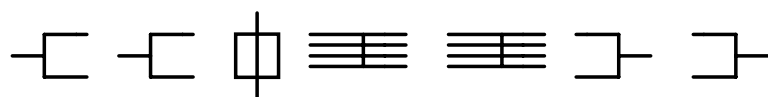


“A/B/C/D” Classes

<u>Navy Class</u>	Royal Navy Destroyer			<u>Date</u>	1939				
<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			13 inches at 4.25"	Port and starboard				
Maximum Value:	9			16 inches at 2.75"					
<u>Speed</u>	4.50	3 boilers	2 engines	<u>Gun</u>	5"	10"	15"	18"	Power Relia
				4.7"	A/10	8/6	2/2	1/-1	4 B
<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 As, Bs, and Ds plus 4 Cs, for a total of 28.
- B, C, and D leaders were similar in game terms.
- Most gave up a torpedo mount in 1940 to ship a 3 inch anti-aircraft gun. This is treated as an AAMG for game purposes.

Hits

Forward Void	11-14	Forward Void
Forward Void	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	Funnel
Boiler Room 2	34	Funnel
Boiler Room 2	35	AAMGs
Boiler Room 2	36	AAMGs
Boiler Room 2	41	Funnel
Engine Room	42-44	Torpedo A
Engine Room	45	Searchlight
Engine Room	46	Torpedo B [AAMGs]
Fuel Oil 2	51-52	Torpedo B [AAMGs]
Fuel Oil 2	53	AAMGs
Fuel Oil 2	54	Main X
Aft Main Magazine	55-56	Main X
Aft Main Magazine	61-62	Main Y
Propshaft 1 or 2	63-64	Void
Steering	65-66	Steering

Internal Diagram

VO1 1FP	FM A&B 1FP	FO1 2FP	BR1 B1 4FP	BR2 B2 B3 6FP	ER E1 E2 9FP	FO2 2FP	AM X&Y 1FP	ST 1FP
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“E/F/G/H/I” Classes

<u>Navy</u>	Royal Navy			<u>Date</u>	1939					
<u>Class</u>	Destroyer									
<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			13 inches at 4.25"			Port and starboard			
Maximum Value:	9			16 inches at 2.75"						
<u>Speed</u>	4.50	3 boilers	2 engines	<u>Gun</u>	5"	10"	15"	18"	Power	Relia
				4.7"	A/10	8/6	2/2	1/-1	4	B
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18							
Torpedo Hits	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.
- Glowworm and the Is had quintuple torpedo 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 in 1940 to ship a 3 inch anti-aircraft gun. This is treated as an AAMG for game purposes.

Hits

Forward Void	11-14	Forward Void
Forward Void	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	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	Searchlight
Engine Room	46	Torpedo B [AAMGs]
Fuel Oil 2	51-52	Torpedo B [AAMGs]
Fuel Oil 2	53	AAMGs
Fuel Oil 2	54	Main X
Aft Main Magazine	55-56	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	BR3	ER	FO2	AM	ST
1FP	A&B	2FP	B1	B2	B3	E1	2FP	X&Y	1FP
	1FP		3FP	4FP	3FP	E2		1FP	
						9FP			

“E/F/G/H/I” Leaders

<u>Navy</u>				Royal Navy				<u>Date</u>		1940	
<u>Class</u>				Destroyer							
<u>Surface Armament</u>								<u>Ranges</u>		<u>Directors</u>	
Main Battery:				4.7 inch guns in 5 single mounts				18 inches		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>Speed</u>	4.50	3 boilers	2 engines	<u>Gun</u>	5"	10"	15"	18"	Power	Relia	
				4.7"	A/10	8/6	2/2	1/-1	4	B	
<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

- Designed as flotilla leaders for E through I class ships.
- Inglefield had quintuple torpedo mounts until 1942.
- 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

	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	Funnel
Boiler Room 2		34	Main M
Boiler Room 2		35	Main M
Boiler Room 3		36	Main M
Boiler Room 3		41	Funnel
Engine Room		42-44	Torpedo A
Engine Room		45-51	Torpedo B [AAMGs]
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 1FP	FM A,B&M 1FP	FO1 2FP	BR1 B1 3FP	BR2 B3 4FP	BR3 B3 3FP	ER E1 E2 9FP	FO2 2FP	AM X&Y 1FP	ST 1FP
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Grimsby

<u>Navy Class</u>	Royal Navy Sloop			<u>Date</u>	1943					
<u>Surface Armament</u>				<u>Ranges</u>	<u>Directors</u>					
Main Battery:	4 inch guns in 2 twin mounts			16 inches	Fore					
<u>Speed</u>	2.00	2 boilers	2 engines	<u>Torpedo Hits</u>	17.7"-18": ±2		20.5"-22.5": ±4		24": ±6	
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 17	<u>Gun</u> 4 inch twin	5" A/12	10" 8/8	15" 2/3	16" 1/0	Power 3	Relia B

Armament Arrangement



Notes

- Eight ships in class, but with differing gun armament.
- Warrago and Parametta were armed as shown.

Hits

Fuel Oil 1	11-16	Forward Void
Forward Main Magazine	21-23	Main A
Boiler Room 1	24-25	Bridge
Boiler Room 1	26	AAMGs
Boiler Room 1	31	Main Director
Boiler Room 2	32	Search Radar
Boiler Room 2	33-34	Funnel
Boiler Room 2	35	AAMGs
Engine Room	36-41	AAMGs
Engine Room	42-44	Void
Aft Main Magazine	45-51	Main X
Aft Main Magazine	52-55	Void
Fuel Oil 2	56-62	Void
Propshaft 1 or 2, Fuel Oil 2	63-64	Void
Steering	65-66	Steering

Internal Diagram

FO1 1FP	FM A 1FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 9FP	AM Y 2FP	FO2 1FP	ST 1FP
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Halcyon Class

<u>Navy</u>	Royal Navy			<u>Date</u>	1940					
<u>Class</u>	Minesweeper-Escort									
<u>Surface Armament</u>				<u>Ranges</u>				<u>Directors</u>		
Main Battery:	4 inch guns in 2 single mount			16 inches				Fore		
<u>Speed</u>	2.00	2 boilers	2 engines	<u>Gun</u>	5"	10"	15"	16"	Power	Relia
				4 inch	A/10	8/6	2/1	1/-2	3	B
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 17							
Torpedo Hits	17.7"-18": ±2	20.5"-22.5": ±4	24": ±6							

Armament Arrangement



Notes

Hits

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

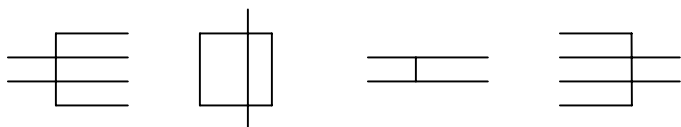
Internal Diagram

FO1 1FP	FM A 1FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 9FP	AM Y 2FP	FO2 1FP	ST 1FP
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Hunt, Groups II and III

<u>Navy Class</u>				Royal Navy Escort destroyer		<u>Date</u>		1942			
<u>Surface Armament</u>						<u>Ranges</u>			<u>Directors</u>		
Main Battery:		4 inch guns in 2 twin mounts				17 inches			Fore		
Torpedoes:		21 inch torpedoes in 1 twin mount				13 inches at 4.25"			Port and starboard		
Maximum Value:		9				16 inches at 2.75"					
<u>Speed</u>	3.00	2 boilers	2 engines		<u>Gun</u>	5"	10"	15"	18"	Power	Relia
<u>Flotation</u>	Total: 24	DIW: 12	Sinking: 16		4 inch twin	A/12	8/8	2/3	1/0	3	B
<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±3	24": ±5								

Armament Arrangement



Notes

- Purpose-built escort destroyers.
- III Group, shown here, was the first to be equipped with torpedo tubes.
- II Group was similar, but with an additional twin 4 inch mount, bearing aft, in place of the torpedo tubes.

Hits

Fuel Oil 1	11-15	Forward Void
Forward Main Magazine	16-23	Main A
Fuel Oil 2	24	AAMGs
Fuel Oil 2	25	Bridge
Fuel Oil 2	26	Bridge
Fuel Oil 2	31	Bridge, Main Director
Boiler Room	32	Search Radar
Boiler Room	33-36	Funnel
Boiler Room	41	AAMGs
Engine Room	42-44	AAMGs
Engine Room	45	Torpedo A [Searchlight]
Engine Room	46	Torpedo A [Main X]
Engine Room	51	Torpedo A {Main X}
Aft Main Magazine	52	Searchlight [Main X]
Aft Main Magazine	53-55	Main Y
Fuel Oil 3	56	Main Y
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	BR B1,B2 8FP	ER E1 E2 8FP	AM X 1FP	FO3 1FP	ST 1FP
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“J/K/N” Classes

<u>Navy</u>				Royal Navy		<u>Date</u>		1940			
<u>Class</u>				Destroyer							
<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				13 inches at 4.25"			Port and starboard		
Maximum Value:		9				16 inches at 2.75"					
<u>Speed</u>	4.50	2 boilers	2 engines		<u>Gun</u>	5"	10"	15"	18"	Power	Relia
					4.7"	A/12	8/8	2/4	1/1	4	A
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18		twin						
<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, as shown here. This is treated as an AAMG for game purposes.
- 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

FO1 1FP	FM A&B 1FP	FO2 2FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 6FP	GR 3FP	FO2 2FP	AM X 1FP	ST 1FP
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“L” Class

<u>Navy</u>	Royal Navy			<u>Date</u>	1941					
<u>Class</u>	Destroyer									
<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			13 inches at 4.25"			Port and starboard			
Maximum Value:	9			16 inches at 2.75"						
<u>Speed</u>	4.50	2 boilers	2 engines	<u>Gun</u>	5"	10"	15"	18"	Power	Relia
				4 inch	A/12	8/8	2/3	1/0	3	B
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18							
Torpedo Hits	17.7"-18": ±1	20.5"-22.5": ±3	24": ±5							

Armament Arrangement



Notes

- The "L" class of destroyers were meant to be near twins of the "Js" and "Ks," but four were completed with 8 antiaircraft 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 1FP	FM A&B 1FP	FO1 3FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 6FP	GR 3FP	FO2 1FP	AM X&Y 1FP	ST 1FP
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“L/M/N” Classes

<u>Navy</u>				Royal Navy		<u>Date</u>		1940					
<u>Class</u>				Destroyer									
<u>Surface Armament</u>						<u>Ranges</u>			<u>Directors</u>				
Main Battery:		4.7 inch guns in 3 twin mounts				20 inches			Fore				
Torpedoes:		21 inch torpedoes in 1 quadruple mount				13 inches at 4.25"			Port and starboard				
Maximum Value:		9				16 inches at 2.75"							
<u>Speed</u>	4.50	2 boilers	2 engines		<u>Gun</u>	5"	10"	15"	20"	Power	Relia		
					4.7"	A/12	8/8	2/5	1/1	4	B		
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18		twin								
<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±3	24": ±5										

Armament Arrangement



Notes

- Sixteen Ms and similar Ns were built.
- The 4 Ls built with 4.7 inch guns were also similar.
- Most gave up a torpedo mount to ship a 4 inch anti-aircraft gun. This is treated as an AAMG for game purposes.
- 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

FO1 1FP	FM A&B 1FP	FO2 2FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 6FP	GR 3FP	FO2 2FP	AM X 1FP	ST 1FP
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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	Fore					
Torpedoes:	21 inch torpedoes in 2 quadruple mounts			18 inches	Fore]					
Maximum Value:	9			13 inches at 4.25"	Port and starboard					
				16 inches at 2.75"						
<u>Speed</u>	4.50	2 boilers	2 engines	<u>Gun</u>	5"	10"	15"	17/18"	Power	Relia
				4 inch	A/10	8/6	2/1	1/-2	3	B
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18	4.7"	A/10	8/6	2/2	1/-1	4	B
<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±3	24": ±5							

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

<u>Navy</u>	Royal Australian Navy			<u>Date</u>	1943					
<u>Class</u>	Frigate									
<u>Surface Armament</u>				<u>Ranges</u>	<u>Directors</u>					
Main Battery:	4 inch guns in 2 single mounts			16 inches	Fore					
<u>Speed</u>	2.50	2 boilers	2 engines	<u>Torpedo Hits</u>	17.7"-18": ±2	20.5"-22.5": ±4	24": ±6			
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 17	<u>Gun</u>	5"	10"	15"	16"	Power	Relia
				4 inch	A/10	8/6	2/1	1/-2	3	B

Armament Arrangement



Notes

- Eight ships in class.

Hits

Fuel Oil 1	11-16	Forward Void
Forward Main Magazine	21-23	Main A
Boiler Room 1	24-25	Bridge
Boiler Room 1	26	AAMGs
Boiler Room 1	31	Main Director
Boiler Room 2	32	Search Radar
Boiler Room 2	33-34	Funnel
Boiler Room 2	35	AAMGs
Engine Room	36-41	AAMGs
Engine Room	42-44	Void
Aft Main Magazine	45-51	Main X
Aft Main Magazine	52-55	Void
Fuel Oil 2	56-62	Void
Propshaft 1 or 2, Fuel Oil 2	63-64	Void
Steering	65-66	Steering

Internal Diagram

FO1 1FP	FM A 1FP	BR1 B1 5FP	BR2 B2 5FP	ER E1 E2 9FP	AM Y 2FP	FO3 1FP	ST 1FP
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Scott

<u>Navy Class</u>	Royal Navy Destroyer	<u>Date</u>	1942
<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
Maximum Value:	8	9 inches at 3.75"	
<u>Speed</u>	3.75"	4 boilers	2 engines
<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±4	24": ±6
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 16
<u>Gun</u>	4.7"	5" A/9	10" 8/5
		15" 2/1	16" 1/-2
		Power 4	Relia A

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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“Tribal” Class Refit

<u>Navy</u>				Royal Navy		<u>Date</u>		1941					
<u>Class</u>				Destroyer									
<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 quadruple mount				13 inches at 4.25"			Port and starboard				
Maximum Value:		9				16 inches at 2.75"							
<u>Speed</u>	4.50	3 boilers	2 engines		<u>Gun</u>	5"	10"	15"	18"	Power	Relia		
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18		4.7"	A/12	8/8	2/4	1/1	4	A		
					twin								
<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 1FP	FM A&B 1FP	FO1 2FP	BR1 B1 4FP	BR2 B2 3FP	BR3 B3 3FP	ER E1 E2 5FP	GR 4FP	FO2 2FP	AM X&Y 1FP	ST 1FP
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“Tribal” Class

<u>Navy</u>	Royal Navy			<u>Date</u>	1941					
<u>Class</u>	Destroyer									
<u>Surface Armament</u>				<u>Ranges</u>			<u>Directors</u>			
Main Battery:	4.7 inch guns in 4 twin mounts			18 inches			Fore			
Torpedoes:	21 inch torpedoes in quadruple mount			13 inches at 4.25"			Port and starboard			
Maximum Value:	9			16 inches at 2.75"						
<u>Speed</u>	4.50	4 boilers	2 engines	<u>Gun</u>	5"	10"	15"	18"	Power	Relia
				4.7"	A/12	8/8	2/4	1/1	4	A
<u>Flotation</u>	Total: 27	DIW: 14	Sinking: 18	twin						
Torpedo Hits	17.7"-18": ±1	20.5"-22.5": ±3	24": ±5							

Armament Arrangement



Notes

- Twenty-seven “Tribals” and their variants were completed.
- 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	Main X
Fuel Oil 2		54	Main X
Aft Main Magazine		55	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 1FP	FM A&B 1FP	FO1 2FP	BR1 B1 4FP	BR2 B2 3FP	BR3 B3 3FP	ER E1 E2 5FP	GR 4FP	FO2 2FP	AM X&Y 1FP	ST 1FP
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V/W Classes

<u>Navy</u>	Royal Navy			<u>Date</u>	1942					
<u>Class</u>	Destroyer									
<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				
Maximum Value:	8			9 inches at 3.75"						
<u>Speed</u>	4.25"	3 boilers	2 engines	<u>Torpedo Hits</u>	17.7"-18": ±1	20.5"-22.5": ±4	24": ±6			
<u>Flotation</u>	Total: 25	DIW: 13	Sinking: 16	<u>Gun</u>	5"	10"	15"	16"	Power	Relia
				4.7"	A/9	8/5	2/1	1/-2	4	A

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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