D 23 Bristol [Type 82] - 1984

United Kingdom



Type: DD - Destroyer
Max Speed: 28 kt
Commissioned: 1984
Length: 154.0 m
Beam: 16.0 m
Draft: 7.4 m
Crew: 407
Displacement: 6000 t
Displacement Full: 7000 t
Propulsion: 2x Boilers, 2x Steam Turbines, 2x Rolls-Royce Olympus TM-1A Gas Turbines, COSAG

Sensors / EW:
- Type 162M Cockshafer - Hull Sonar, Active-Only, Hull Sonar, Active-Only Bottom Profiler, Max range: 1.3 km
- Type 184M - (Solid State) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search, Max range: 5.6 km
- Type 1022 [LW.08] - (1979) Radar, Radar, Air Search, 2D Long-Range, Max range: 333.4 km
- Type 1006(2) [KH 19/9A] - (Surface Ships) Radar, Radar, Surface Search & Navigation, Max range: 118.5 km
- Type 992Q - (Surface Ships) Radar, Radar, Air Search, 2D Medium-Range, Max range: 266.7 km
- Type 909 - (Sea Dart Illuminator, GFCR) Radar, Radar Illuminator, Long-Range, Max range: 74.1 km
- UA-8/9 Porker - (Sea Dart Illuminator, GFCR) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- UA-13 HF/DF - (FH-5, SPR-2, Assoc w Type 668) ESM, HF/DF, Max range: 926 km

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Weapons / Loadouts:
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- Sea Dart Mod 1 - (1984, Fuze+Guidance) Guided Weapon. Air Max: 74.1 km. Surface Max: 46.3 km.
- Generic Test Round - (Annoying stuff that fill up magazines) Training Round.
- 30mm/75 Twin Oerlikon GCM-AO2 APDS Burst [20 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km. Land Max: 2.8 km.
- 30mm/75 Twin Oerlikon GCM-AO2 HE Burst [20 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km. Land Max: 2.8 km.
- 20mm GAM-BO1 Oerlikon Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 1.9 km.
- Type 182 Towed Torpedo Decoy - Decoy (Towed). Surface Max: 1.9 km.
- 114mm/55 Mk8 HE(MP) HE - Gun. Air Max: 2.8 km. Surface Max: 18.5 km. Land Max: 18.5 km.
- Corvus Chaff [Seduction] - (102mm) Decoy (Expendable). Surface Max: 1.9 km.
- Corvus Chaff [Distraction] - (102mm) Decoy (Expendable). Surface Max: 1.9 km.

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OVERVIEW: The BRISTOL class (Type 82) is a COSAG-powered guided missile destroyer (DDG).

DETAILS: The BRISTOL class DDG used a combined steam and gas (COSAG) to power its two shafts. The BRISTOL class was designed around the Sea Dart anti-aircraft missile system.

Specifications:

Displacement: 6,300 tons (standard); 7,100 (full load)
Speed: 30 knts
Engineering: 2 shaft, 2 steam engines, 2 gas turbines
Range: 5,000 nm @ 18 knts
Complement: 397
In Commission: 1973-1987 (post-1987 in commission as a training vessel).
Completed: 1

NOTES: Units in class: BRISTOL (D 23). The remainder of the class were canceled due to high cost and cancelation of the aircraft carrier they were intended to escort. HMS BRISTOL was fitted with flagship facilities in 1979.

SOURCES: Moore, John Evelyn. Jane's Fighting Ships 1987-88. London: Jane's Pub, 1987, pg. 661 ; "HMS Bristol (D23), the Free Encyclopedia." Wikipedia. Accessed May 17, 2015. http://en.wikipedia.org/wiki/HMS_Bristol_(D23).