

ADC Mk4 Mod 1 Sonar Jammer (2004, 6-inch)

Decoy (Expendable)

Type: Decoy (Expendable)

Weight: 45.0 kg

Length: 2.69 m

Span: 0.159 m

Length: 2.69 m

Diameter: 0.159

Generation: Early 2000s



Targets: Submarine

Sensors / EW:

Weapons / Loadouts:

- ADC Mk4 Mod 1 Sonar Jammer - (2004, 6-inch) Decoy (Expendable). Subsurface Max: 1.9 km.

OVERVIEW: The ADC Mk 4 Mod 0 Torpedo Decoy is a battery-powered expendable sonar countermeasure for use by submarines to counter torpedo and sonar threats.

DETAILS: The ADC (Acoustic Device Countermeasure) MK3 is a 6.25-inch (16 cm) diameter torpedo and sonar countermeasures externally stored and launched from all USN submarines. The ADC hovers vertically at a pre-selected depth, using a pressure-controlled motor driving a small, shrouded propeller in the tail of the decoy. Once deployed, it emits an acoustic signal to decoy sonar and torpedoes.

NOTES: IOC 2004.

SOURCES: Friedman, Norman, and Norman Friedman. The Naval Institute Guide to World Naval Weapon Systems. Annapolis, Md: Naval Institute Press, 2006, pg 769 ; Ultra Electronics Ocean Systems - Home. "Ultra Electronics Ocean Systems - Acoustic Countermeasures." Accessed December 13, 2014. <http://www.ultra-os.com/acoustic.php>.