



GENERAL CHARACTERISTICS

Survey vessel: Echo class**Length:** 90,6 m**Beam:** 16,8 m**Draft:** 5,25 m**Displacement :** 3,500 t**Complement :** 48(with space for 81)

OVERVIEW

HMS ECHO and her sister ship HMS ENTERPRISE are specialist warships, known as multi-role hydrographic and oceanographic survey vessels, which represent a major enhancement of the capabilities of the Royal Navy's Survey Squadron. Her main role is the collection of environmental and bathymetric data for use in a multitude of military and civilian tasks.

Weighing in at 3,500 tonnes she is equipped with the latest integrated survey systems as well as advanced navigation and communication systems.

The first ship in the class, HMS Echo (H87), was launched in March 2002. It entered into service in October 2002 for commissioning in March 2003. HMS Echo is the ninth ship in the Royal Navy to carry the name. The second vessel, HMS Enterprise (H88), was launched in April 2002. It was officially named in May 2002 and commissioned in October 2003.

HMS Echo achieves this through the collection of oceanographic, hydrographic and bathymetric data, which includes analysis of the ocean, its salinity and sound profile.

Her survey motor boat, Sapphire, is capable of operating independently, supporting a small group of surveyors who can live and work ashore to carry out surveys.

Echo, which is based in Devonport, was the first Royal Navy ship to use azimuth thrusters, where the propellers are part of a swivelling pod, allowing for precise manoeuvring.

To ensure she can operate in any environment she possesses a impressive array of weapons for force protection. Echo also carries a small detachment of Royal Marines.



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