Discover the Weddell Sea and the expedition’s work through videos from its members, online animations and classroom resources.

To follow the expedition, visit www.weddellseaexpedition.org/ and for educational resources visit www.rgs.org/wse.

Search for Sir Ernest Shackleton's expedition ship Endurance which was crushed by ice and lost in 3,000m deep water a century ago.

Aerial Drone

AUVs Autonomous Underwater Vehicle

ROVs Remotely Operated Vehicle

Sediment Corer

Discover how state of the art technology can access newly exposed water filled cavities beneath the Larsen C ice shelf.

• Measure the baseline temperature, salinity and chemistry conditions in the Weddell Sea
• Map seafloor morphology (GIS) and determine the shallow stratigraphy beneath floating ice shelves
• Learn more about global ocean circulation

Search for Sir Ernest Shackleton’s Endurance wreck

The Adélie penguin is the most numerous species of penguin.

Weddell seals are impressive divers, they can reach 600m depth and spend as long as 82 minutes underwater.

The Weddell Sea is one of the hardest places in the world to get to because it is covered in sea ice.

Weddell seals live farther south than any other mammal.

The Weddell Sea Expedition is funded by the Flotilla Foundation. The Scott Polar Research Institute, University of Cambridge, leads the pioneering science programme, in partnership with The Nekton Oxford Deep Ocean Research Institute, and a team of international researchers from South Africa and New Zealand. The RGS-IBG is the expedition education partner in the UK.