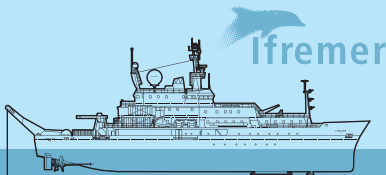


# Robot sub deployed in search for Titan

A French robot that can dive 6,000 metres underwater could prove crucial in the search for a tourist submersible that vanished as it descended to the Titanic wreck



**VICTOR 6000:** Remotely operated vehicle (ROV) owned by French oceanic research institute **Ifremer**



**L'Atalante:** Research vessel has 25-strong crew who can work non-stop for up to 72 hours

Once found, **Victor** could hook **Titan** to ship using U.S. Navy's **Flyaway Deep Ocean Salvage System (FADOSS)**, designed to recover objects weighing up to 27.2 tonnes from depths of 6,000 metres

**Site of Titanic wreck at depth of 3,800m**

**Titan weighs 10.4 tonnes**



**Objects not to scale**

**Ballast**

**Umbilical cable:** 8.5km long, provides 20kW of power

**Lighting:** Ten powerful lamps

**Weight:** 4.6 tonnes

**Speed:** 1.8km/h

**Robotic arms:** Can perform highly delicate manoeuvres such as cutting or removing debris

**Video:** Two ultra-high resolution video cameras

