

# Titan sub report condemns OceanGate

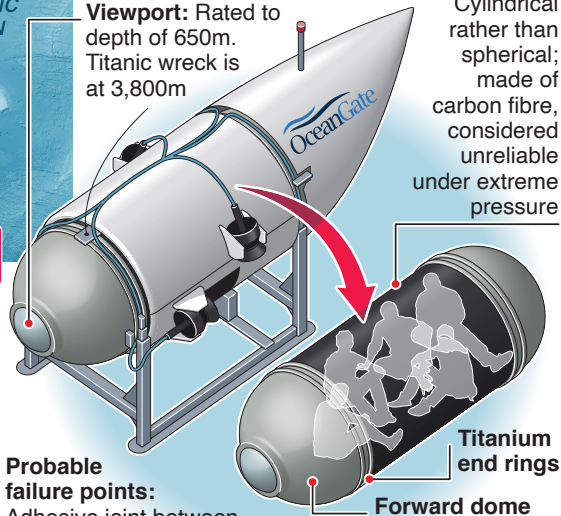
The “inadequate design” of the *Titan* and a “toxic workplace culture” at the company operating the submersible were the primary contributing factors that led to its implosion in 2023, a damning report finds

## ■ FLAWED DESIGN

**Viewport:** Rated to depth of 650m. Titanic wreck is at 3,800m

**Hull:** Cylindrical rather than spherical; made of carbon fibre, considered unreliable under extreme pressure

Wreck of Titanic



## Probable failure points:

Adhesive joint between vessel's forward dome and titanium segment or, carbon fibre hull near forward end of sub

## TITAN

**Length:** 6.7m  
**Height:** 2.8m

**Jun 18, 2023:** Titan suffers “loss of structural integrity” 90 minutes into dive to Titanic wreck, resulting in instantaneous death of all five people on board

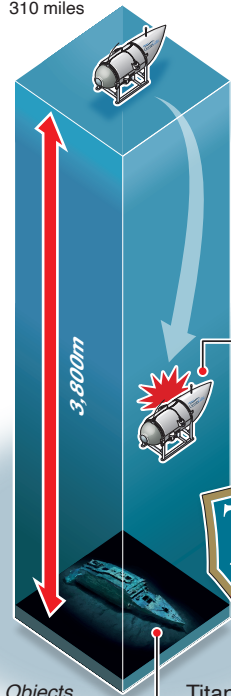
■ **Safety practices:** *OceanGate* failed to follow protocols for safety, testing, and maintenance of sub

■ **“Toxic work place”:** Company “used threat of being fired to dissuade employees and contractors from expressing safety concerns”

■ **Money:** Financial pressures in 2023 resulted in increased risk to Titan's hull and its operations. Employees were asked to forgo salaries with promise of back pay



500km  
310 miles



Objects  
not to scale

Titanic