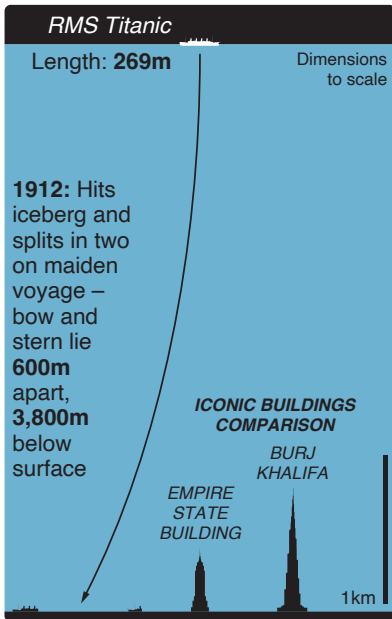


# Titanic sub accident scenarios

Experts have suggested four possible scenarios for what may have caused OceanGate's Titan submersible to lose communication



**Blackout:** *Titan* may have lost power and fallen to sea bed, or inbuilt safety system could have helped sub return to surface, with crew unable to access fresh air



**Fire:** Short circuit could have caused fire, creating toxic fumes and compromising electronic systems used for control and navigation



**Entangling:** Sub could have become snared in extensive debris field, created as *Titanic* sank – which covers approximately **15km<sup>2</sup>**



**Implosion:** Defect in composite hull could have caused near instantaneous implosion – killing all five people on board in less than **40 milliseconds**



**Time is critical – search and rescue teams need to find and free crew before water and oxygen supplies run out**