Claim / Data Point Supported	Citation	Link
Titan submersible operated by OceanGate, imploded June 18, 2023, during Titanic expedition, killing all five aboard	Wikipedia: Titan submersible implosion	https://en.wikipedia.org/wiki/Titan_submersible_implosion
Timeline: lost contact after 1 hr 45 min, massive international search, debris found ~500m from Titanic bow	USA Today	https://www.usatoday.com/story/news/nation/2025/06/18/titan-submersible-implosion-details/84258564007/
Passengers: Stockton Rush, Paul-Henri Nargeolet, Hamish Harding, Shahzada Dawood, Suleman Dawood	BBC News	https://www.bbc.com/news/articles/c5yg5qggvwjo
Titan's hull: carbon fiber and titanium, first of its kind for deep-sea submersibles	Popular Mechanics	https://www.popularmechanics.com/science/a60687211/titan-sub-carbon-fiber-micro-buckling/
OceanGate's history, expeditions, and business model	Built In Seattle	https://www.builtinseattle.com/articles/oceangate-raises-18m
Titan was not certified by any independent maritime authority; industry warnings and safety concerns ignored	BBC News	https://www.bbc.com/news/articles/c5yg5qggvwjo
Carbon fiber's vulnerability: micro-buckling, delamination, and fatigue under repeated pressure cycles	Popular Mechanics	https://www.popularmechanics.com/science/a60687211/titan-sub-carbon-fiber-micro-buckling/
Titan's design and testing: original hull developed fatigue damage, replaced by 2021	Wikipedia: Titan (submersible)	https://en.wikipedia.org/wiki/Titan_(submersible)
Titan's advertised depth rating (4,000m), but tested only to 3,000m before Titanic expeditions	Built In Seattle	https://www.builtinseattle.com/articles/oceangate-raises-18m
2018–2023: multiple warnings from engineers, industry experts, and former employees about hull safety	BBC News	https://www.bbc.com/news/articles/c5yg5qggvwjo
No Emergency Position Indicating Radio Beacon (EPIRB) installed; hatch could only be opened from outside	Wikipedia: Titan submersible implosion	https://en.wikipedia.org/wiki/Titan_submersible_implosion
Search and rescue: US Coast Guard, US Navy, Canadian Coast Guard, ROVs, aircraft, and ships involved	US Coast Guard (USCG)	https://www.news.uscg.mil/News-by-Region/Headquarters/Titan-Submersible/
US Navy detected acoustic signature of implosion at time of lost contact	Wikipedia: Titan submersible implosion	https://en.wikipedia.org/wiki/Titan_submersible_implosion
Debris field found by ROV Odysseus VI, 490m from Titanic bow, five major pieces recovered	US Coast Guard (USCG)	https://www.news.uscg.mil/News-by-Region/Headquarters/Titan-Submersible/
Catastrophic implosion: external pressure crushed hull instantly, killing all occupants	Popular Mechanics	https://www.popularmechanics.com/science/a60687211/titan-sub-carbon-fiber-micro-buckling/
Carbon fiber hull began to deteriorate a year before, according to USCG investigation	BBC News	https://www.bbc.com/news/articles/c5yg5qggvwjo
Stockton Rush's philosophy: breaking engineering "rules" for innovation, downplaying safety regulations	Popular Mechanics	https://www.popularmechanics.com/science/a60687211/titan-sub-carbon-fiber-micro-buckling/
Titan controlled by video game controller, text-based comms, Starlink satellite internet	Wikipedia: Titan (submersible)	https://en.wikipedia.org/wiki/Titan_(submersible)
OceanGate officially ceased operations July 2023 after disaster	USA Today	https://www.usatoday.com/story/news/nation/2025/06/18/titan-submersible-implosion-details/84258564007/
USCG Marine Board of Investigation ongoing, released ROV footage of debris recovery	US Coast Guard (USCG)	https://www.news.uscg.mil/News-by-Region/Headquarters/Titan-Submersible/