The Kursk Submarine Rescue Mission - Short Film

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Background Facts

Kursk, full name Атомная подводная лодка «Курск», which, translated, means the nuclear-powered submarine "Kursk" [АПЛ "Курск"] in Russian, was a Project 949А Антей (Antey, Antaeus, also known by its NATO reporting name of Oscar II).

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MORE Background

• Commissioned 1994
• Class Oscar II submarine (stated by the United States Navy)
• Propelled by two OK-650b nuclear reactors, two steam turbines, and two 7 bladed propellers.
• Reason? "Torpedo malfunction" due to very large explosion.
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Initial Explosion

- 100–250 kilograms (220–550 lb) of TNT and registered 2.2 on the Richter scale.
- 135 seconds after the initial event, measured between 3.5 and 4.4 on the Richter scale, equivalent to 3-7 tons of TNT
Radioactivity

Becquerel - A becquerel is the unit of radioactivity. One Bq is defined as the activity of a quantity of radioactive material in which one nucleus decays per second.