

The Near Miss Management Of Operational Risk

Human factors in diving safety which someone is injured or killed, it has been estimated that a relatively large number of "near miss" incidents occur, which the diver manages well enough. Human factors are the physical or cognitive properties of individuals, or social behavior which is specific to humans, and which influence functioning of technological systems as well as human-environment equilibria. Human error can be defined as an individual's deviation from acceptable or desirable practice which culminates in undesirable or unexpected results. The safety of underwater diving operations can be improved by reducing the frequency of human error and the consequences when it does occur.

The investigation included several investigations and commissions, among others reports by National Incident Commander Thad Allen, United States Coast Guard, National Commission... [Safety is] An active, adaptive process which involves making sense of the task in the context of the environment to successfully... They are generally established as offshore companies and so avoid paying... The disaster, caused by a blowout on the BP-operated Macondo Prospect, resulted in the largest marine oil spill in history, with significant environmental, economic, and legal consequences. Investigations were launched by various U.S. government agencies, independent commissions, and BP itself to determine the causes of the explosion, assess regulatory failures, and recommend measures to prevent similar incidents in the future.

2009 satellite collision satellites to miss by 584 m (1,916 ft). Planning an avoidance maneuver with due consideration of the risk, the fuel consumption required for the maneuver, On February 10, 2009, two communications satellites—the active commercial Iridium 33 and the derelict Russian military Kosmos 2251—accidentally collided at a speed of 11.7 km/s (26,000 mph) and an altitude of 789 kilometres (490 mi) above the Taymyr Peninsula in Siberia. It was the first time a hypervelocity collision occurred between two satellites; previous incidents had involved a satellite and a piece of space debris.

Orbital speed around large bodies (like the Earth) is fast, resulting in significant kinetic energy being involved in on-orbit collisions. For example, at the Low Earth orbital velocity of ~ 7.8 km/s, two perpendicularly colliding spacecraft would meet at ~ 12.2 km/s....

Takeoff/go-around switch reduce the risk of a compressor stall. The mode is dependent on the phase of flight; usually, on

approach to land, the autopilot will be set to approach mode, therefore if the TO/GA switch is pressed it will activate the go-around mode of the autothrottle (about 90–92% N1, if pressed again, go around thrust will increase to full (100+% N1); conversely, when takeoff is set on the autopilot, the switch activates takeoff mode of the autothrottle. On Boeing aircraft, TO/GA modes are selected by a separate button near the throttle levers; on Airbus aircraft, it is activated by advancing the thrust levers forward to the TO/GA detent. Once the engines are confirmed to be stable by the pilot monitoring, the pilots then either press the TO/GA switch A takeoff/go-around switch (TO/GA or TOGA;) is a switch on the autothrottle of modern large aircraft, with two modes: takeoff (TO) and go-around (GA) 34f8e3221d

Human factors include both the non-technical skills that enhance safety and the non-technical factors that contribute to undesirable incidents that put the diver at risk. 34f8e3221d

Diving safety The performance of the individual diver depends on learned skills, many of which are not intuitive. Risk management has three major aspects besides equipment and training: Risk assessment, emergency management and insurance cover. The safety of underwater diving depends on four factors: the environment, the equipment, behaviour of the individual diver and performance of the dive team. The risk assessment Diving safety is the aspect of underwater diving operations and activities concerned with the safety of the participants. The underwater environment can impose severe physical and psychological stress on a diver, and is mostly beyond the diver's control. Equipment is used to operate underwater for anything beyond very short periods, and the reliable function of some of the equipment is critical to even short-term survival. operation. Other equipment allows the diver to operate in relative comfort and efficiency, or to remain healthy over the longer term 34f8e3221d

Safety culture Risk Management, Second Edition (2 ed. ISBN 9781420004687. Safety culture has been described in a variety of ways: notably, the National Academies of Science and the Association of Land Grant and Public Universities have published summaries on this topic in 2014 and 2016. p. 370. It is informed by the organization's leadership and the beliefs, perceptions and values that employees share in relation to risks within the organization, workplace or community. CRC Press.). Geller (1991, 1994) proposed the concept of total Safety culture is the element of organizational culture which is concerned with the maintenance of safety and compliance with safety standards. Retrieved 2 August 2015 34f8e3221d

Deepwater Horizon investigation in the blowout. The loss of life and the subsequent pollution of the Gulf of Mexico were the result of poor risk management, last-minute changes to plans The Deepwater Horizon investigation refers to multiple inquiries conducted in response to the catastrophic Deepwater Horizon oil spill, which occurred on April 20, 2010, in the Gulf of Mexico 34f8e3221d

A good safety culture can be promoted by senior management commitment to safety, realistic practices for handling hazards, continuous organisational learning, and care and concern for hazards shared across the workforce. Beyond organisational learning, individual... 34f8e3221d

Chief risk officer CROs are accountable to the Executive Committee and The Board for enabling the business to balance risk and reward. The CRO is responsible for assessing and mitigating significant competitive, regulatory, and technological threats to a firm's capital. In more complex organizations, they are generally responsible for coordinating the organization's Enterprise Risk Management (ERM) approach. The chief risk officer (CRO), chief risk management officer (CRMO), or chief risk and compliance officer (CRCO) of a firm or corporation is the executive The chief risk officer (CRO), chief risk management officer (CRMO), or chief risk and compliance officer (CRCO) of a firm or corporation is the executive accountable for enabling the efficient and effective governance of significant risks, and related opportunities, to a business and its various segments. Risks are commonly categorized as strategic, reputational, operational, financial, or compliance-related 34f8e3221d

Drowning Most instances of fatal drowning occur alone or in situations where others present are either unaware of the victim's situation or unable to offer assistance. Submersion injury refers to both drowning and near-miss incidents. An incident of drowning can also cause further complications for victims due to low body temperature, aspiration, or acute respiratory distress syndrome (respiratory failure from lung inflammation). Submersion injury refers to both drowning and near-miss incidents Drowning is a type of suffocation induced by the submersion of the mouth and nose in a liquid. Occasionally, victims may not begin experiencing these symptoms until several hours after they are rescued. is a type of suffocation induced by the submersion of the mouth and nose in a liquid. After successful resuscitation, drowning victims may experience breathing problems, confusion, or unconsciousness 34f8e3221d

Drowning is more likely to happen when spending extended periods... 34f8e3221d

Collision avoidance (spacecraft) low in comparison to the amount of space available in orbit around the Earth, risky near-misses and occasional collisions happen. The subject includes procedures designed to prevent the accumulation of space debris in orbit, analytical methods for predicting likely collisions, and avoidance procedures to maneuver offending spacecraft away from danger. The most common subject of spacecraft collision avoidance research and development is for human-made satellites in geocentric orbits. The 2009 satellite collision Spacecraft collision avoidance is the implementation and study of processes minimizing the chance of orbiting spacecraft inadvertently colliding with other orbiting objects 34f8e3221d

Structured investment vehicle Securitization Rep. They did not expose themselves to either interest rate or currency risk and

typically held asset to maturity. The Unravelling of Structured Investment Vehicles: How Liquidity Leaked Through SIVs (Lessons in Risk Management and Regulatory Oversight) A structured investment vehicle (SIV) is a non-bank financial institution established to earn a credit spread between the longer-term assets held in its portfolio and the shorter-term liabilities it issues. They are simple credit spread lenders, frequently "lending" by investing in securitizations, but also by investing in corporate bonds and funding by issuing commercial paper and medium term notes, which were usually rated AAA until the 2008 financial crisis. SIVs differ from asset-backed securities and collateralized debt obligations in that they are permanently capitalized and have an active management team 34f8e3221d

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