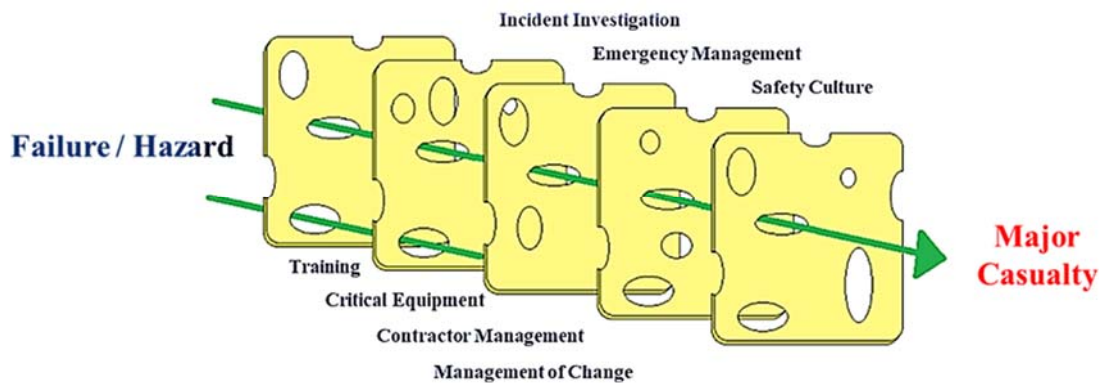




Offshore oil & gas exploration and production operations are complex and hazardous. For example, in April 2010, the mobile offshore drilling unit DEEPWATER HORIZON experienced a well blowout and explosion that resulted in eleven fatalities and the largest oil spill in the U.S. history. The incident was investigated by many government organizations:

- National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling
- U.S. Coast Guard
- Bureau of Ocean Energy Management, Regulation, and Enforcement
- Chemical Safety Board
- Republic of Marshall Islands

These investigations identified the following common contributing factors:



In promoting risk management and continuous improvement, CARE2RISE Marine Technical has developed a Rapid Operational Risk Assessment (RORA) approach that quickly evaluates these critical Safety Management System (SMS) elements. It involves SMS review, stakeholder engagement, and on-site observations. It starts with evaluating effectiveness of incident investigation program and ends with examining safety culture.

CARE2RISE RORA does not duplicate other traditional compliance activities, such as regulatory inspection, class surveys, and third-party audits. It provides senior management with an independent, focused evaluation of the effectiveness of their organization's prevention programs, readiness to respond to major emergencies, and continuous improvement programs. RORA report includes example best practices that can help enhance safety and environmental performance excellence.

CARE2RISE RORA approach is also applicable to other hazardous industries, for example, chemical and liquified natural gas storage and production.

For more information on RORA and other CARE2RISE services, please visit <http://www.care2rise.com>, or contact CARE2RISE at [connect@care2rise.com](mailto:connect@care2rise.com) or (808) 282-4981.