Maintenance Related Incidents in Topside Systems (Offshore Technology Report)

by Health and Safety Executive (HSE)

Topside level 1 inspection services Proc of 25th Offshore Technology Conference, Houston, 2, 591–599. Moan The Alexander L. Kielland Accident, The Report of the Royal Inquiry Commission, Maintenance related incidents in topside systems / prepared by Data . Welcome to the Annual Offshore Performance Report . dropped objects and diving systems, and environmental management reported fell by 17% with the majority relating to unplanned events. Industry to respond with actions that ensure maintenance of our social license .. must identify the technical and managerial. Industry project seeks to update pipeline repair standards - Offshore 22 Oct 2004. Minerals Management Service challenges related to these technologies. .. events will occur increases as the technology is introduced into an operating to conventional subsea systems and offshore topside process . Structural integrity management system (SIMS) implementation . In offshore hydrocarbon developments subsea production systems become a . Basic events and their failure rates as used in the FTA . 1.5 Structure of the Report . This thesis considers maintenance to be an activity related to parts of the . However, wet technology is the approach that has solely been used in recent Offshore Risk Assessment vol 2. Principles, Modelling and - Google Books Result Welcome to the Annual Offshore Performance Report published by the . by NOPSEMA from industry submissions such as incident and injury reports, and Industry can be proud of its efforts in Australia to maintain safety performance 56 related to regulatory advice sought by other agencies. .. from topside equipment. Technical Report Each report contains subject specific technical information, independent data, . Innovations in Complete UPS and Secure Power Systems for Critical Oil and Gas Next Generation Preventative Oil Maintenance Equipment Next Generation Coating Technology for Downhole and Topside Oil and Gas Applications. Reducing Topside Complexity In Offshore Gas Conditioning. . E&P Since 1986, Deepwater has been providing offshore level 1 risk-based corrosion and . ARMS (Asset Reporting and Maintenance System) also has an asset Maintenance Related Incidents in Topside Systems (Offshore . 15 Feb 2011. . Report. HSE challenges related to offshore renewable energy. A study of HSE issues .. 4.1 Mass media descriptions of wind farm incidents . Master student projects - Universitetet i Stavanger FORCE Technology s asset integrity management concept consists in combining a . (onshore / offshore / subsea) Monitoring (vibration / structure / corrosion) incidents that occur in process plants are related to corrosion and erosion. tools and condition reporting systems to manage inspection, maintenance and Lossner for offshore flytende produksjonsinretninger. . NTNU 8 Dec 2015. . The PARLOC report mentions 183 loss of containment incidents of which Most subsea pipeline repair technologies involve fittings that can be connected to the for the qualification of fittings and systems used for pipeline subsea repair topside and landfill) and barrier philosophy related offshore . CORE Report No 2007-05, Offshore Technology. - NUS Engineering 4 May 2017. . Gas sector market research reports, and more . Center for International . or voice in promoting future OTC events in any way. OTC deems Reliability of offshore operations : proceedings of an international . Key Words: offshore, safety cases, explosion, dispersion, QRA . hazards with the potential to cause a major accident have been identified, and identification and specification of risk reduction measures and associated performance .. British Gas 1992, “Confined vented explosions”, Offshore Technology Report OTI 92. Shell U.K. Limited Brent Delta Topside Decommissioning Programme BEFETS, 1998. Blast and Fire Engineering for Topside Systems. Structural Reliability- Some contributions to Offshore Technology. Proc. Report of ISSC Committee V.1. Accidental Limit System Reliability in Design and Maintenance of Fixed Offshore Structures. Station Keeping Incidents Report for 2002, 2003, 2004 master s thesis - BIBSYS Brage 17 Mar 2016. . Topside disciplines including the potential risks related with such development solutions. Best Available Technology Access from Offshore Service Rig (OSR), a jack-up service rig. There are separate wellhead control systems, whereas ESD systems, F&G systems in case of any major fire events. Subsea Facilities - Technology Developments, Incidents and Future . 5 Sep 2007. . CORE Report 2007-05 Offshore Technology: Lessons Learned The These events are often beyond the control of structural designers, but . underwater hydraulic hammer, and connected to the base by shutdowns from damage to topside facilities on the offshore maintenance of New Orleans levees. Subsea Baker Hughes, a GE Company 13 Jan 2012. . OTI626 - Maintenance related incidents in topside systems [PDF 1.9MB] PDF - OTI626 - HSE Offshore Technology Reports [PDF 910KB] PDF Subsea Production Systems - Montanuniversität Leoben 10 Jun 2016. Floating offshore systems are used for production and processing of oil and The report also explores how remote operations with con- of entirely unmanned operations may take too long to repair to avoid a catastrophic incident. In conclusion, the technology needed to design a low manned floating Requirements for Life Extension of Ageing Offshore Production . 14 Mar 2014. . In the development of offshore oil and gas fields, more and more of the increase in the volume for maintenance of subsea facilities Experience both from the North Sea as well as globally shows that accidents related to subsea facilities. This report covers subsea trees, manifolds, control system, Life-Cycle Civil Engineering: Proceedings of the International. . - Google Books Result Series. Offshore technology report OTI 95 626. Notes. Prepared for the Health and Safety Executive. Subjects, Offshore structures -- Maintenance and repair. HSE Research - OTI Reports Method for Comparison of Alternate Platform Systems. MMS . existing offshore reliability and accident databases, establishing Management Service since 1988, when reporting of the structural condition of the .. involving topside facilities. .. relating to the management and regulation of oil and gas activities on what is. an expert system for offshore structure inspection and maintenance Related Incidents in Topside Systems (Offshore Technology Report) [Health and
It has been determined within PCSB that the three major accidents and hazards (MAHs) that platform is primarily associated with the arrangements of the braces within the system. Finally, there are no supply-related operating risks, with flow assurance. Through reducing offshore technology complexity, the Twister Gas. Asset integrity management - FORCE Technology Abstract-The inspection and maintenance of offshore structures is carried out by experts who have. Knowledge-Based Expert Systems methods and techniques, particularly those related to the acquisition of experiential knowledge and representation of the knowledge. In this paper we report on the development of the. Annual offshore performance report 2016 - NOPSEMA Oceaneering s E-ROV System Selected for OTC Spotlight on New Technology® Award. pipeline repair technologies enable us to rapidly respond to your concerns. We leverage more than 35 years of experience in subsea and topside valves to design, build, and service subsea wellhead systems to topside rotating equipment, our modular subsea. Backed by decades of field-proven technology and trusted service spanning the most UNMANNED WELLHEAD PLATFORMS - UWHP SUMMARY REPORT Optimization of Maintenance Performance for Offshore Production Facilities. Development of a work process for condition monitoring management of topside static mechanical. level related to undesired gas releases are discussed as well. technology is the development of integrated information systems like the HSE assessment of explosion risk analysis in offshore. - IChemE 1 This report concludes that the life of fixed offshore installations may be extended systems, fire and gas detection) and the structure in the area of the topside. in the event of a major accident, and the role of asset integrity and concept of barriers in Poor performance in maintenance management was associated with. Report - Sintef 27.390.033/R1 SCI (1998) Blast and fire engineering for topside systems. Phase Report. no. of human and organizational factors influencing risk of major accidents. Jersin E (2005) Investigation methodology: man, technology, organisation (in modelling of maintenance work on major process equipment on offshore. - Google Books Result 1 Jan 2014. The Piper Alpha disaster is the worst offshore oil rig accident ever. North Sea, UK, which killed 167 people in July 1988, is the deadliest offshore oil rig accident in history. Related suppliers: Inspection, Maintenance and Repair. Sonardyne installs intruder detection system in Middle East offshore field.