

## Pipeline And Riser Loss Of Containment 2001 2012 Parloc

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### Pipeline And Riser Loss Of

The Pipeline and Riser Loss of Containment (PARLOC) report is the preferred source of risk assessment data for generic loss of containment frequencies and covers pipelines and risers in the offshore oil and gas industry. This revision of PARLOC (PARLOC 2012) updates the previous report known as PARLOC 2001.

### Pipeline and Riser Loss of Containment (PARLOC) Report - OGUK

Pipeline and Riser Loss of Containment Study - 1990 (PARLOC 90) (Offshore Technology Report) Paperback - December 31, 1992 by Great Britain. Health and Safety Executive (Author) See all formats and editions Hide other formats and editions. Price New from Used from Paperback, December 31, 1992 ...

### Amazon.com: Pipeline and Riser Loss of Containment Study ...

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### Pipeline and riser loss of containment 2001 - 2012 (PARLOC ...

On the night of 6/7 July 1988 a major oil production platform known as Piper Alpha in the UK sector of the North Sea was destroyed by explosion and fire, with the loss of 167 lives. This led to the appointment of Lord Cullen, a senior Scottish Judge, to hold a Public Inquiry into the Piper Alpha Disaster.

### PARLOC -- Pipeline and riser loss of containment: North ...

Pipeline and riser loss of containment 2001 - 2012 (PARLOC 2012) 6th Edition

### **Turpin Distribution. Pipeline and riser loss of ...**

Based on pipeline and riser loss of containment (PARLOC, 2003) and data from PHMSA (2014), Stadie-Frohbeis and Lampe (2013) concluded that impact is the major cause of failures in offshore pipelines in operation at North Sea, representing 56% of the total failures between 1971 and 2000. In the US, comparing all failures reported between 1995 and

### **Pipelines, risers and umbilicals failures: A literature review**

Inlet Line Loss Riser Length- : From the vessel or pipeline to the PRV no more than 3% loss - Riser length must be examined to avoid harmonics 2  
Discharge Line Backpressure: Unbalanced PRV will encounter set point change and rapid cycle or chatter with excessive backpressure

### **Pipeline And Riser Loss Of Containment 2001 2012 Parloc**

PIPELINE AND RISER LOSS OF CONTAINMENT 2001 - 2012 (PARLOC 2012) Update Project by Oil & Gas UK and EI Rebecca Borresen, Oil & Gas UK  
Hollie Harton, BP

### **PIPELINE AND RISER LOSS OF CONTAINMENT 2001 - 2012 (PARLOC ...**

top dent with any indication of metal loss, cracking, or stress riser, Any anomaly judged to require immediate attention. 60-day repair: top dent greater than 3 percent of nominal pipe diameter (greater than 0.25 inches for pipe less than 12 inches in diameter), Bottom dent with any indication of metal loss, cracking or stress riser. 180-day ...

### **HL IM Fact Sheet | PHMSA**

PARLOC was initiated by UKOOA in 1989, in the post-Piper A climate, to identify hazards to operating pipelines and quantify historical loss of containment frequencies, and thus contribute to pipeline safety assessments. It is based on a pipeline and an incident database, which have been updated periodically. This paper presents results from the most recent update completed in 1994 and ...

### **NDLI: PARLOC -- Pipeline and riser loss of containment ...**

The PARLOC study identifies potential hazards and provides an indication of likely loss of containment frequency associated with the operation of North Sea pipelines and risers.

### **Offshore North Sea Pipeline and Riser Loss of Containment ...**

Heat loss through the wall of the pipe Heat loss due to expansion of the produced gas in the wellstream. In deep water, where pressure loss over riser height is large, the latter is usually the most critical. Two main conditions need to be addressed when considering riser system flow assurance:

### **PIPELINE TECHNOLOGY: Pipeline heat loss in rigid, flexible ...**

Welding a pipeline in the field Head loss is the total hydraulic resistance against which the pump must operate (friction). It means the effort required to push water through the pipe and deliver the required flow rate at the furthest outlet/riser. It is described as metres of head at the pump.

### **Pipe and Riser Irrigation Systems | Irrigation | Soil and ...**

The high fatigue applications of high pressure risers also often use flexible pipe. Key characteristics of flexible pipe are loss of plasticizer in the primary pressure barrier and the integrity. The intelligent pig technology which has advanced and been refined for steel pipelines simply doesn't apply to flexible pipe.

### **DEEPWATER ECONOMICS How pigging operations impact ...**

A typical riser pipe is frequently subjected to bending moment,  $M_b$ , arising due to the combination of wind, wave and current forces. It can be varied significantly depending on geographical location of the platform, water depth and wind speed. Although tension is applied to the risers to minimize the lateral movements, bending stress acting on the risers is still inevitable.

### **Riser Pipe - an overview | ScienceDirect Topics**

Riser joint properties are based on weights in air, in water, with buoyancy, and without buoyancy. These weights can vary as the joints are deployed in deep water due to compression of the buoyancy and water ingress. Other properties include the joint length and the hydrodynamic properties such as drag diameter, drag coefficient, inertial diameter, and inertial coefficient.

### **Riser Design - an overview | ScienceDirect Topics**

Purchase Pipelines and Risers, Volume 3 - 1st Edition. Print Book & E-Book. ISBN 9780080437125, 9780080539010

### **Pipelines and Risers, Volume 3 - 1st Edition**

Riser pipe allows accumulation of bedload sediments released from a drainage due to the loss of soil cover and reduced infiltration from water repellent soils. The sediment and ash captured in the basin can be removed with a backhoe. Purpose - Risers are used to protect road infrastructure, especially those with large fill, from failure.

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