

Ron Jarvis. Swiss Re Risk Engineering, London. OPERA Chairman.

OPERA History



International Oil Insurers

117 Fenchurch Street, London EC3M 541 Interhone: 01,438,2703 Cables: Intel London IAIax 8811323 OILINS-G

Your ref.

Our ref.

Date 26th October, 1978

Dear

Some weeks ago, Tem Redmond, our Technical Services Manager, approached a number of his chemical engineer colleagues and post toward the thought that it would be desirable if some sort of informal "club" could be set up as a forum for the interchange of views on problems relating to the oil, gas and petrochemical industries as they bear on insurance.

There was a general feeling in favour of this idea, and as a result a small steering committee was asked to produce some draft roles for the proposed forum and a list of those working in insurance companies, brokers, loss adjusters and other related organisations whose work was significantly concerned with oil insurances and who might be interested in becoming members. This has now been done, and I am writing to you as a potential member to enquire whether you would attend a meeting to be held in mid-January to consider the proposal more fully and, it is haped, to get the project off the ground.

Mr Dorek Drewitt of Imporial Chemicals Insurance Limited is prepared to act as the first chairman of the forum, and Messrs. R.Mitchell (Robins Davies & Little), K.Palmer (Sedgwick Forbes Overseas U.d.), W.D.J.Price (Commercial Union Risk Management) and T.C.Redmond (I.O.I.) offer themselves as committee members. If am happy for the time being to undertake such secretarial duties as may be necessary.

The venue of the meeting in January will depend on the response to this letter, and I shall be grateful therefore if you will return the enclosed slip to me indicating whether you are prepared to come along. A reply before the end of Kovember would be helpful, and the intention would be to circulate a copy of the draft "reles" to all those who are interested for consideration at the meeting.

I look forward to hearing from you.

Yours sincerely,



Cichame Bosket.

OPERA Committee



Ron Jarvis - Swiss Re



John Munnings-Tomes - Navigators



Paul Talbot - Liberty



Athithan Gnanendran Chaucer



Suzan Pardesi **Navigators**



Fabio Lupo - Aon



Paul Clarke - JLT



Doug Scott - CTC



Tony Prior - InfraConsult



John Evans - AIG



Andy Goddard - Talbot



Kevin Gormley - QBE



Jonathan Carter -Marsh



Catalina Wallis -Aon



David Brown - BPP Tech







Networking!





Tom Redmond Trophy - Recognises those who have made a significant contribution to risk reduction



OPERA - Plans for the future

- Joint events (FORE, LEG, IMIA)
- Encourage qualification standards for Risk Engineers e.g. IChemE, Process Safety accreditation
- New ideas speakers, topics, visits, format, training sessions
- Need more energy focus (the E in OPERA)
- Need more underwriters and brokers to attend OPERA events
- More collaboration with Onshore Energy Conference



Other Risk Engineering Forums

- London Energy Engineers Forum
 - London market Insurers risk engineers
 - 2-3 meetings per year to discuss technical topics, lessons learned from losses, etc
- Forum of Offshore Risk Engineers
 - 4 meetings per year (Risk Engineers from insurers, brokers, insured, consultants, etc) and often invite expert speakers
 - Risk Engineering Information Request for upstream accounts developed
 - Currently working on several position papers including well review, reactivation of drilling units, location approval of drilling units etc
 - Discuss & present lessons learned from recent offshore incidents
 - Organised a visit to DNV GL Spadeadam fire & explosion test facility
 - Organised joint FORE/OPERA offshore seminar









LMA Onshore Energy Business Panel

- Formed in September 2011 and consists of underwriters from Syndicates and companies writing onshore energy business within the Lloyd's and London market
- The scope includes onshore hydrocarbon production and processing but excludes power and mining risks
- The Panel meets on a monthly basis to consider a number of initiatives
- A Risk Engineering Sub-Group was formed to help develop a number of these technical initiatives





Documents Issued

Testing & Commissioning Clause LMA5197a Information to support the transfer of onshore oil, gas & petrochemical assets from construction to operational insurance





Key information guidelines for risk engineering survey reports (OG&P IGRES 2015-001) - "what goes in the report"





Guidelines for the conduct of risk engineering surveys (OG&P GRES 2015-001) – "how to get the information"



Code of practice for delivery of an oil, gas & petrochemical Code of Practice risk engineering survey programme (OG&P COPRES 2015-001) – "scope of work for the survey programme"



Common Causes osses in the Oil and



www.oilpera.com/LMA











Joint Power Generation Committee Power Documents Issued

KEY INFORMATION GUIDELINES FOR POWER GENERATION RISK ENGINEERING SURVEY REPORTS

http://www.lmalloyds.com/LMA/Wordings/PGIGRES2015001.aspx

CODE OF PRACTICE FOR DELIVERY OF A POWER GENERATION RISK ENGINEERING SURVEY PROGRAMME

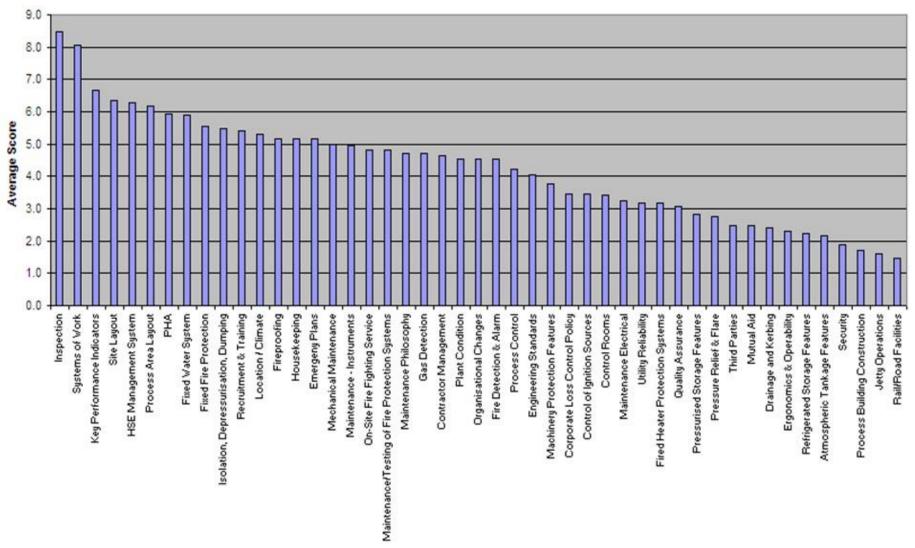
http://www.lmalloyds.com/LMA/Wordings/PGC OPRES2015001.aspx



How to assess risk quality in the timeframe available?



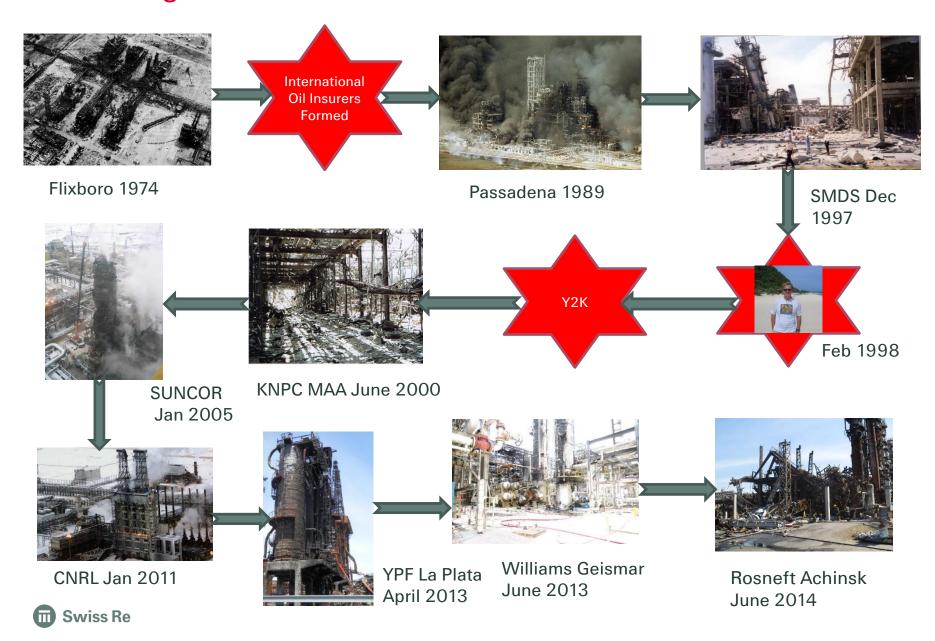
The Onshore Energy Market – Risk Ranking Elements Order of Priority



It's hard to see the wood for the trees



Some significant events



Market Reports

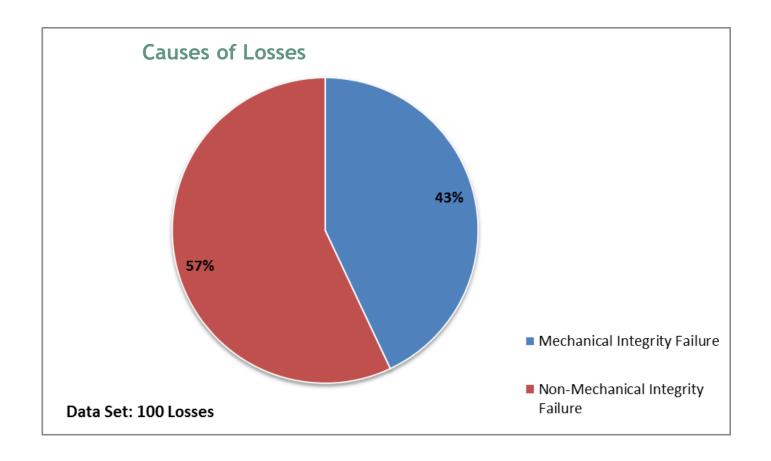
"Good" for risk information



"In Need for Improvement" when used for risk selection



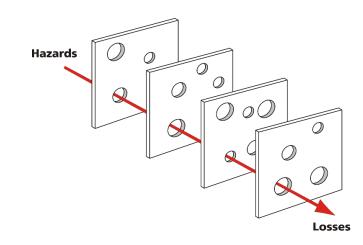
An Analysis of Common Causes of Major Losses in the Onshore Oil, Gas & Petrochemical Industries

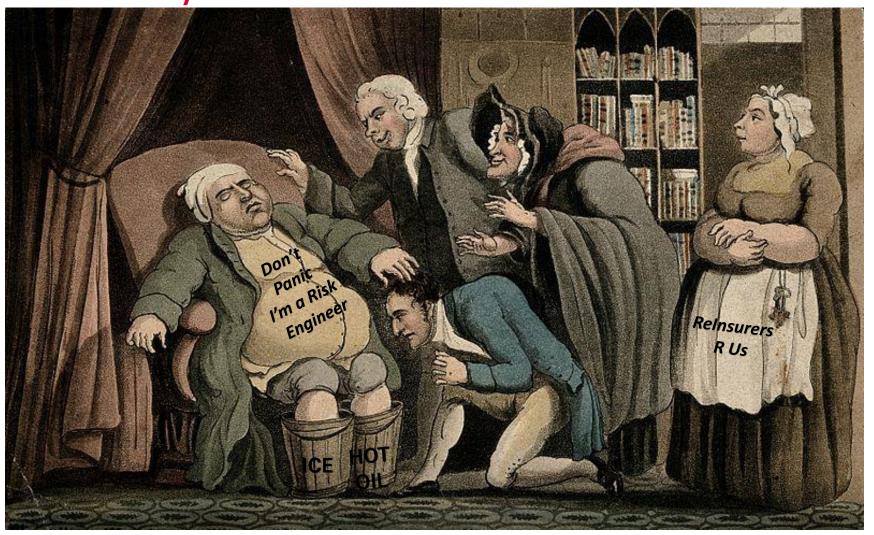


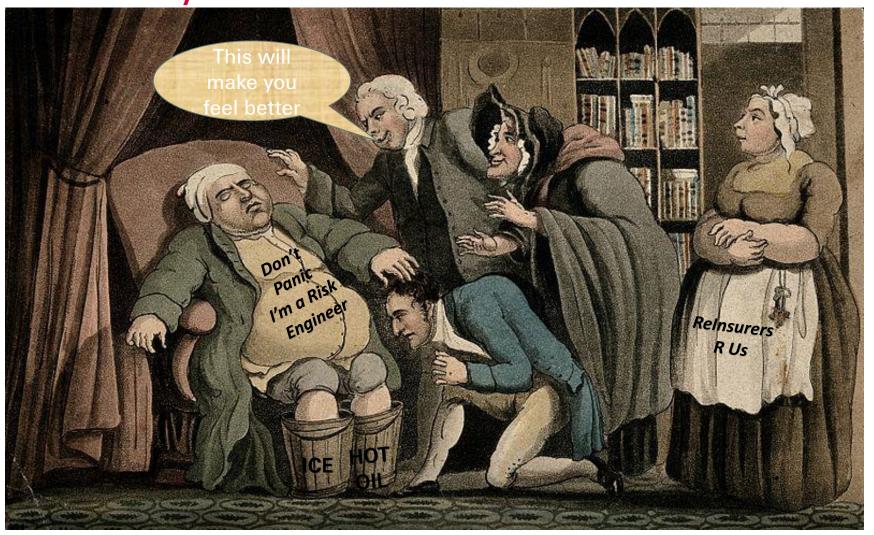
Management System Failures – Causes of Large Losses

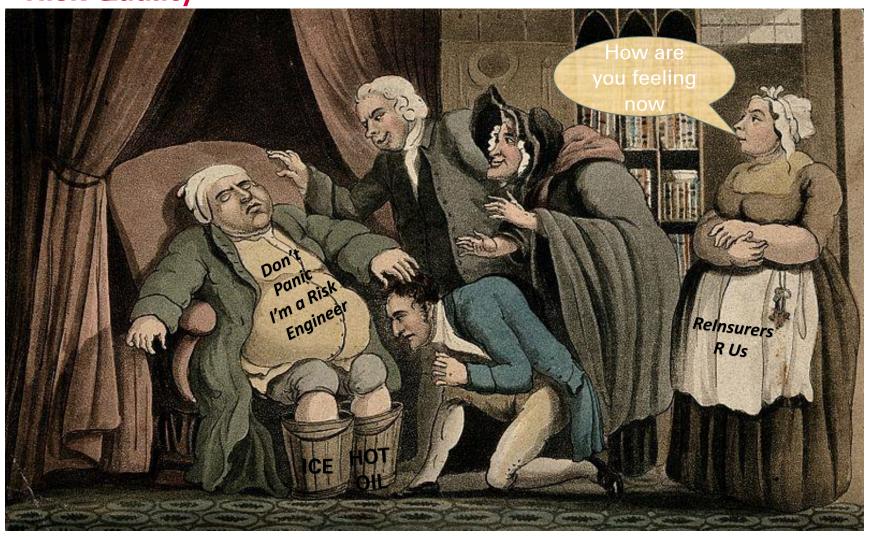
- Mechanical Integrity (Inspection & Materials QA)
- 2. Operations Practices & Procedures
- 3. Process Hazard Analysis (PHA)
- 4. Control of Work (CoW)
- 5. Availability of Safety Critical Devices (SCDs)
- 6. Management of Change (MoC)

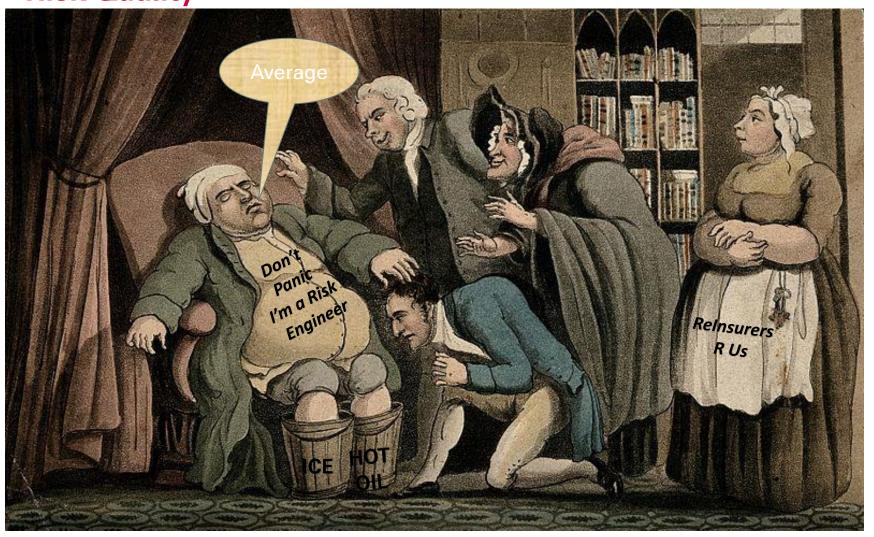
Barrier Failure Loss Model











Management System Failures – Causes of Large Losses

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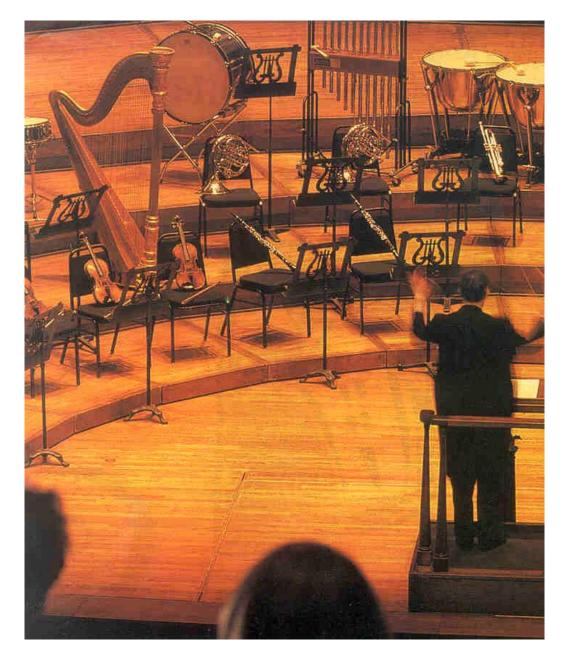
Perhaps overall Risk Ratings should be based on the weakest link



Risk Engineering Surveys & Market Reports – the future

- We need to do things differently.
- We need Underwriters to insist on the LMA survey/report content approach.
- We need Risk Engineers to adopt LMA survey/report content approach.
- Overall Risk Quality how to measure?
- We need a revolution.





Risk Engineering can play a crucial part to Underwriting, but we need to do things differently.

Are you with us?



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