



iNTeg-Risk: Early Recognition, Monitoring and Integrated Management of Emerging, New Technology Related Risks



MERL Ltd www.merl-ltd.co.uk

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- Independent UK Contract R&D Company (ISO 9001)
- SME founded in 1986; 27 employees, turnover ca€3M
- Engineering with elastomers, thermoplastics, adhesives, composites, ceramics, intermetallics
- Energy (O&G renewables), aero. & defence, land transport, medical devices, civil, ...
- Services - testing, analysis, life assessment, failure analysis, consultancy,...

Main interests

- Long-term materials integrity, sensitive/remote areas
 - LNG, enhanced oil recovery, arctic conditions
 - Materials testing

Tasks

Risks associated with:

- T1.2.4 A4 LNG regasification in sensitive areas
- T1.3.3 B3 Use of advanced materials, composite materials
- T1.4.2 C2 Remote operation in environmentally sensitive areas
- T4.9.7 CEN WA#6 Emerging risks due to uncertainties in testing procedures

Expectations

- New knowledge - impact of risk assessment on future qualification of materials

Exploitation

- R & D and consultancy services targeted at risk management for new technology