

Joint Industry Blowout Control Report: DEA-63 (1991)



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FINAL REPORT

JOINT INDUSTRY PROGRAM for FLOATING VESSEL BLOWOUT CONTROL

DEA-63

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Innovative pollution techniques are presented after currently available control methods are reviewed. Work at the subsea source is emphasized. Concepts for injection of chemicals and bacteria are presented. Subsea containment devices may be successful but have significant technical difficulties to resolve.

Vertical intervention is unique to floating well control. Stinging into a subsea blowout offers a quick and effective solution when operationally possible. Modified LMRPs have flexibility but require more planning and effort.

TREX- 11625.14

Phase I has definite work directives for deepwater blowout control. The general goal is to address problems or operational requirements that an operator will face if a deepwater blowout should occur. The study will address areas for which no practical solutions currently exist. These areas must be considered when a real situation develops.

The study will avoid in-depth or unnecessary reviews of old technology and concepts previously developed (e.g., "Sombreros" for pollution containment, etc.).

TREX -11625.16

- Development of vertical intervention and capping techniques for deepwater blowouts. Shallow gas blowouts will be addressed also. Procedures for handling oil or gas blowouts will be developed.
- Evaluation of potential pollution scenarios and investigate new pollution control techniques for a deepwater blowout.

TREX -11625.16