

Deepwater Horizon MAHRA

MAJOR ACCIDENT HAZARD
RISK ASSESSMENT

DEEPWATER HORIZON

CONFIDENTIAL



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APPENDIX IV



MAJOR ACCIDENT HAZARD RISK
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APPENDIX IV

HAZARDS	CONSEQUENCES	PREVENTIONS	MITIGATIONS	RISK RANKING			RECOMMENDATIONS / COMMENTS
				S	L	RR	
Reservoir blowout (at Drill Floor)	Major environmental impact Multiple personnel injuries and/or fatalities. Major structural damage and possible loss of vessel.	Well control procedures and training of drill crew in well control Maintenance and testing of BOP's and other subsea and well control equipment Instrumentation and indication of well status. Hydrocarbon / Combustible Gas detection system. Redundant BOP controls.	Emergency response procedure, training and drills. Ability to move off station. Firefighting capabilities Ability to evacuate Availability of medical treatment and medivac Redundant BOP controls. Passive fire protection in highly populated areas of vessel. EX rated equipment to prevent ignition of blowout.	5	B	17	Ability to move off station

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