

|   |  |  |             |
|---|--|--|-------------|
|  <b>Transocean</b> | <b>MAJOR ACCIDENT HAZARD<br/>RISK ASSESSMENT<br/>DEEPWATER HORIZON</b> |  | APPENDIX IV |
|   |  |  |             |

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

Exhibit No. 3789  
Worldwide Court  
Reporters, Inc.

|                |                |          |    |
|----------------|----------------|----------|----|
| REVISION NO:   | 01             | PAGE     | OF |
| REVISION DATE: | 29 AUGUST 2004 | IV-[APG] | 11 |