Initial EDS in system

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	DATE June 22, 2000	SHEET 1 of 8	

EMERGENCY DISCONNECT SEQUENCES,

MUX BOP CONTROL SYSTEM

FOR

"DEEPWATER HORIZON"

R & B FALCON

CHECKED BY: _____ **Print Name:** _____ **Date**

APPROVED BY: _____ **Print Name** _____ **Date**

CUSTOMER APPROVED BY: _____ **Print Name:** _____ **Date**

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Exhibit No. _____

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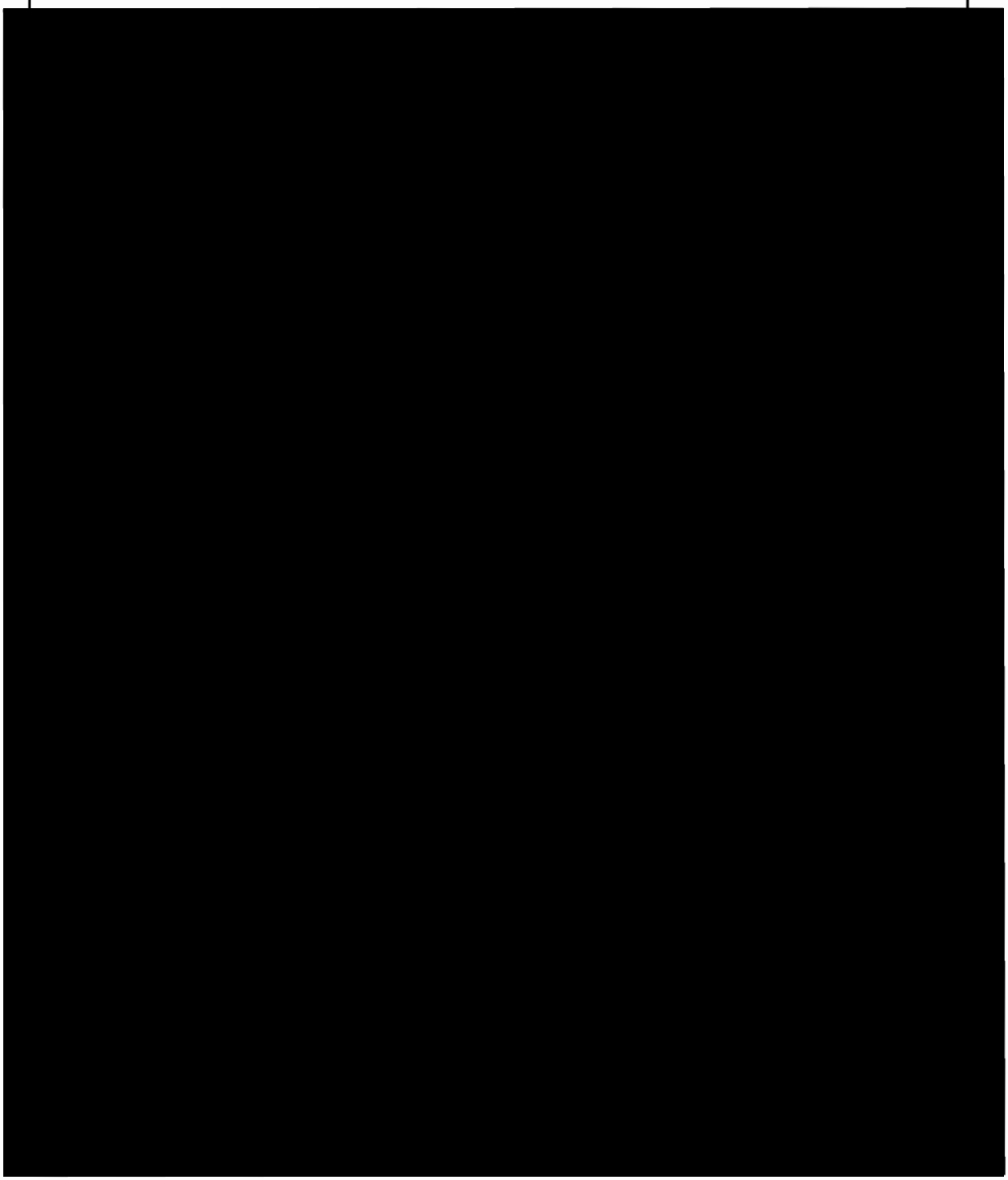

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4.0 EDS1 Sequence

To initiate the "EDS1" Sequence, simultaneously press the "ENABLE" button and the RED "EDS" button on either the Driller's or Toolpusher's control panels.

The following EDS Sequence will be used for Drill Pipe or "Normal"

Time (sec)	Function	Operation
0 sec	[redacted]	
1 sec		
5 sec		
18 sec		

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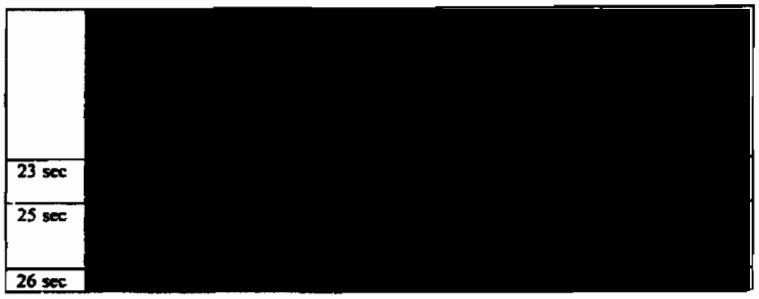

The following are approximate times and volumes @ 3000 psi:

Function	Operation	Time (seconds)	Volume (gallons)
[redacted]		10	1
		13	25
		3	2
		8	2
		8	2
		5	3
		5	1
		1	0.25
		8	0.50
		*	19 (Includes Sec. Volume)
		(Time and Volume included in Primary)	

* The LMRP Connector Primary/Secondary takes 8 seconds to Unlatch and 7 seconds to fully open position.
Total time: 15 seconds

ALL TIMES ARE APPROXIMATE AND CAN BE ADJUSTED TO EXACT TIMES AFTER STACK TESTING.

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5.0 EDS2 Sequence

To initiate the "EDS2" Sequence, simultaneously press the "ENABLE" button and the RED "EDS" button on either the Driller's or Toolpusher's control panels.

The following EDS Sequence will be used for Casing Shear

Time (sec)	Function	Operation
0 sec	[redacted]	
1 sec		
5 sec		
25 sec		
43 sec		

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The following are approximate times and volumes @ 3000 psi:

Function	Operation	Time (seconds)	Volume (gallons)
[redacted]		10	1
		13	25
		25	70
		3	2
		8	2
		8	2
		5	3
		5	1
		1	0.25
		8	0.50
		*	19 (Includes Sec. Volume)
		(Time and Volume included in Primary)	

* The LMRP Connector Primary/Secondary takes 8 seconds to Unlatch and 7 seconds to fully open position.
Total time: 15 seconds

ALL TIMES ARE APPROXIMATE AND CAN BE ADJUSTED TO EXACT TIMES AFTER STACK TESTING.

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