

**From:** Erwin, Carter [] 4/12/2006 2:32 PM  
**To:** 'subsea'  
**Cc:**  
**Bcc:**  
**Subject:** RE: Deadman / Auto Shear  
**Attachments:** Blank Bkgrd.gif

Billy,

The Deadman will not follow the EDS sequence you have selected on the Panel. The Deadman system is based on the program that is burned onto the chip that is located on the Deadman card in the system. Once all of the conditions are met, the Deadman system will start to run the below sequence.

At T = 0 seconds

1) a 33 \* LMRP Stinger Extend

2) a 43 \* Stack Stinger Extend

At T = 5 seconds

1) a 35 \* LMRP Stinger Seals Energize

2) a 45 \* Stack Stinger Seals Energize

At T = 7 seconds

1) d 33 \* De-Activate LMRP Stinger Extend

2) d 43 \* De-Activate Stack Stinger Extend

3) a 47 \* High Pressure Blind/Shear Ram Close

At T = 37 seconds

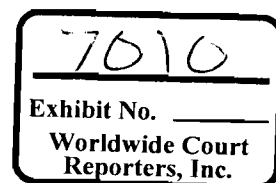
1) d 47 \* De-Activate High Pressure Blind/Shear Ram Close

Carter Erwin  
Service Manager  
Office: 713-939-2014  
Cell: 281-799-7564

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**From:** subsea [mailto:subsea@dwh.rig.deepwater.com]  
**Sent:** Wednesday, April 12, 2006 11:02 AM  
**To:** Erwin, Carter  
**Subject:** FW: Deadman / Auto Shear

Carter,



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CAM\_CIV\_0030379

After their meeting this morning they also want to know the T time of each function during the Deadman Sequence. Also does the Deadman / Auto Shear recognize EDS 1 & 2 modes? If not do both sets of shear rams close or do just the Blind Shears / ST Locks function? Any other information you can provide will be appreciated.

Respectfully,

**Bill Stringfellow**

Sr. Subsea Supv.

Transocean Inc.

Deepwater Horizon

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-----Original Message-----

**From:** subsea [<mailto:subsea@dwh.rig.deepwater.com>]

**Sent:** Wednesday, April 12, 2006 8:17 AM

**To:** Carter Erwin ([erwinc@camerondiv.com](mailto:erwinc@camerondiv.com))

**Cc:** DWH OIM ([oim@dwh.rig.deepwater.com](mailto:oim@dwh.rig.deepwater.com))

**Subject:** Deadman / Auto Shear

Carter,

Need some help! BP has ask to see the sequence of events that take place when the Deadman systems is activated and what functions operate in the Auto Shear circuit. I need this information on a Cameron letter head. I have looked in the manuals and cannot find this information. I have explained how it works but they want to see it in writing from Cameron. This is due to an incident that happened on another rig that is working for BP.

Respectfully,

**Bill Stringfellow**

Sr. Subsea Supv.

Transocean Inc.

Deepwater Horizon

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