



## **EMERGENCY DISCONNECT PROCEDURES**

### **YELLOW ALERT WHILE DRILLING**

- ❖ **STOP ROTATION**
- ❖ **PICK UP 5' ABOVE UPPER PIPE RAMS. (SPACE OUT SO SECOND TOOL CAN BE USED IN CASE THE FIRST ONE IS MISSED.)**
- ❖ **SHUT DOWN ALL MUD PUMPS.**
- ❖ **HANG OFF DRILL STRING ON UPPER RAMS. (IF UNABLE TO HANG OFF, SLACK OFF ON BOTTOM)**
- ❖ **INSURE ALL FAIL-SAFES ARE CLOSED ON BOP.**
- ❖ **ADJUST ACTIVE HEAVE DRAWWORKS TO STRING WEIGHT ABOVE UPPER RAMS PLUS 20,000 LBS.**
- ❖ **INFORM DPO AND PREPARE FOR EDS.**
- ❖ **CLEAR ALL PERSONNEL AND EQUIPMENT FROM AROUND THE ROTARY.**
- ❖ **POSITION ASSIGNED PERSONNEL WITH RADIO COMMUNICATION AT DRAWWORKS MANUAL RELEASE IN CASE OF POWER LOSS**



## **EMERGENCY DISCONNECT PROCEDURES**

### **RED ALERT WHILE DRILLING**

- ❖ CONFIRM WITH DPO THAT YOU HAVE A RED LIGHT.**
- ❖ IF DPO CONFIRMS OR FAILS TO REPLY, IMMEDIATELY ACTIVATE EDS-1 FUNCTION.**
- ❖ ONLY IF THE CAPTAIN OR OIM INSTRUCTS NOT TO DISCONNECT, THEN STAND BY AND WAIT FOR FURTHER INSTRUCTIONS.**



## EMERGENCY DISCONNECT PROCEDURES

### RED ALERT WHILE TRIPPING

- ❖ CONFIRM WITH DPO THAT YOU HAVE A RED LIGHT.
- ❖ IF DPO CONFIRMS OR FAILS TO REPLY, IMMEDIATELY ACTIVATE EDS-1 FUNCTION.
- ❖ ONLY IF THE CAPTAIN OR OIM INSTRUCTS NOT TO DISCONNECT, THEN STAND BY AND WAIT FOR FURTHER INSTRUCTIONS.



## **EMERGENCY DISCONNECT PROCEDURES**

### **RED ALERT DURING WELL CONTROL**

- ❖ **CONFIRM WITH DPO THAT YOU HAVE A RED LIGHT.**
- ❖ **IF DPO CONFIRMS OR FAILS TO REPLY, IMMEDIATELY ACTIVATE EDS-1 FUNCTION.**
- ❖ **ONLY IF THE CAPTAIN OR OIM INSTRUCTS NOT TO DISCONNECT, THEN STAND BY AND WAIT FOR FURTHER INSTRUCTIONS.**



## **EMERGENCY DISCONNECT PROCEDURES**

### **YELLOW ALERT DURING WELL CONTROL**

- ❖ **SHUT DOWN ALL MUD PUMPS.**
- ❖ **HANG OFF DRILL STRING ON UPPER RAMS. (IF UNABLE TO HANG OFF, SLACK OFF ON BOTTOM)**
- ❖ **INSURE ALL FAIL-SAFES ARE CLOSED ON BOP.**
- ❖ **ADJUST ACTIVE HEAVE DRAWWORKS TO STRING WEIGHT ABOVE UPPER RAMS PLUS 20,000 LBS.**
- ❖ **INFORM DPO AND PREPARE FOR EDS.**
- ❖ **CLEAR ALL PERSONNEL AND EQUIPMENT FROM AROUND THE ROTARY.**
- ❖ **POSITION ASSIGNED PERSONNEL WITH RADIO COMMUNICATION AT DRAWWORKS MANUAL RELEASE IN CASE OF POWER LOSS.**



## **EMERGENCY DISCONNECT PROCEDURES**

### **YELLOW ALERT WHILE TRIPPING**

- ❖ **SLACK OFF OR PICK UP TO HANG OFF POINT**
- ❖ **HANG OFF DRILL STRING ON UPPER RAMS. (SPACE OUT SO SECOND TOOL CAN BE USED IN CASE THE FIRST ONE IS MISSED.)**
- ❖ **INSURE ALL FAIL-SAFES ARE CLOSED ON BOP.**
- ❖ **ADJUST ACTIVE HEAVE DRAWWORKS TO STRING WEIGHT ABOVE UPPER RAMS PLUS 20,000 LBS.**
- ❖ **INFORM DPO AND PREPARE FOR EDS.**
- ❖ **CLEAR ALL PERSONNEL AND EQUIPMENT FROM AROUND THE ROTARY.**
- ❖ **POSITION ASSIGNED PERSONNEL WITH RADIO COMMUNICATION AT DRAWWORKS MANUAL RELEASE IN CASE OF POWER LOSS**



## **EMERGENCY DISCONNECT PROCEDURES WITH NON-SHEARABLES ACROSS BOP**

### **RED ALERT EDS-2**

**THE FOLLOWING WILL BE PERFORMED IF 6 ½" OR LARGER DRILL  
COLLARS OR CASING LARGER THAN 13 5/8" ARE ACROSS BOP'S**

- ❖ CLOSE LOWER ANNULAR.**
- ❖ GIVE ELEVATOR OPEN SIGNAL.**
- ❖ RAPIDLY SLACK OFF BLOCK IN 5' INCREMENTS WHILE TRYING TO  
ACHIEVE SLACK BETWEEN ELEVATORS AND TOOL JOINT WHICH WILL  
ALLOW THE ELEVATORS TO OPEN.**
- ❖ AS SOON AS ELEVATORS OPEN, OPEN LOWER ANNULAR.**
- ❖ IF UNABLE TO UNLATCH, OPEN ANNULAR AND ACTIVATE EDS-2.**
- ❖ ALLOW AS MUCH TIME AS POSSIBLE BEFORE ACTIVATING EDS-2**
- ❖ THIS GIVES THE STRING TIME TO CLEAR BOP BEFORE RAMS.**



## **EMERGENCY DISCONNECT PROCEDURES WITH NON-SHEARABLES ACROSS BOP**

### **YELLOW ALERT EDS-2**

**EDS-2 WILL SHEAR 6 5/8" HWDP, 5 1/2" HWDP, 5 1/2" 38 LB. LANDING STRING AND CASING UP TO 13 5/8".**

**THE FOLLOWING WILL BE PERFORMED IF 6 1/2" OR LARGER DRILL COLLARS AND CASING LARGER THAN 13 5/8" ARE ACROSS BOP'S**

- ❖ MAKE ALL ATTEMPTS TO CLEAR BOP'S WITH NON-SHEARABLES.**
- ❖ IF ABLE TO GET HWDP INTO BOP'S, HANG OFF HWDP ON MIDDLE RAMS. (THIS KEEPS TOOL JOINT OUT OF CASING SHEARS)**
- ❖ INFORM DPO AND PREPARE FOR EDS.**
- ❖ CLEAR ALL PERSONNEL AND EQUIPMENT FROM AROUND THE ROTARY.**
- ❖ POSITION ASSIGNED PERSONNEL WITH RADIO COMMUNICATION AT DRAWWORKS MANUAL RELEASE IN CASE OF POWER LOSS**





