



## SAFETY ALERT

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DATE: November 14, 2003

**SUBJECT:** PIN FAILURE – RETRACT FRAME

**SERIAL NUMBERS:** 133, 153

**DISCUSSION:** Recently, pin DT10210 which connects the hydraulic cylinder to the retract frame failed and fell 10 meters to the drilling floor alarming personnel. The dropped piece was 1.75 inch diameter by 2.8 inch long weighing 1.9 lb. The pin broke in the middle where a grease port and groove are located.

**RECOMMENDATION:** CANRIG has reviewed the design of the failed pin. New pins using higher strength material and eliminating the grease passage will be made available. Pin DT10210 will be replaced by pin DT12273. Pin DT10165 will be replaced by pin DT12272. Existing pins should be inspected for cracks at the earliest opportunity and these existing pins should be replaced as new pins are available.

CANRIG will replace all DT10210 and DT10165 pins free of charge under our warranty policy.

Please contact:  
Sonny Lynn, Parts Sales Coordinator  
Phone: 281-259-3151  
Fax: 281-259-3260  
E-mail: [slynn@canrig.com](mailto:slynn@canrig.com)

**INFORMATION:**

For further information contact:

Field Operations Manager  
Canrig Drilling Technology Ltd.  
14703 FM 1488  
Magnolia, Texas 77354  
Phone: 281.259.8887  
Fax: 281.259.8158

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