



Safety Alert

From the International Association of Drilling Contractors

ALERT 09 – 25

HIGH POTENTIAL INCIDENT – DROPPED LIGHT

WHAT HAPPENED:

A 23 lb spotlight fell 90 feet (27.5 m) from a crane boom to the rig deck. The operation at the time was slewing the bow crane to over the chemical hatch from its stowed position at the forward leg. Having visually confirmed that the hook would not catch on any equipment on the radio room roof, the crane operator started to slew the crane toward the accommodation. As he did so the light fell to the deck beside the blue container pictured below. It then bounced and struck the wall of the radio room before coming to rest in the position shown. No one was in the area at the time of the incident.



The Corrective Actions stated in this alert are one company's attempts to address the incident, and do not necessarily reflect the position of IADC or the IADC HSE Committee.

This material is presented for information purposes only. Managers & Supervisors should evaluate this information to determine if it can be applied to their own situations and practices

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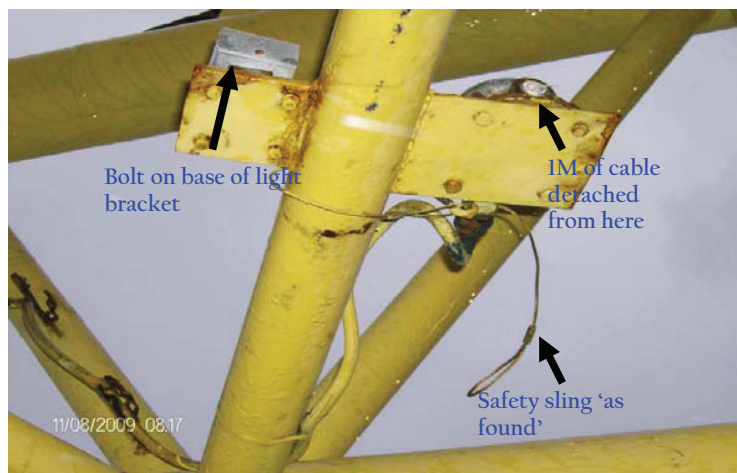
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WHAT CAUSED IT:

1. The secondary retention wire was not properly attached to the light. Therefore it did not retain the falling light.
2. The vibration mounting was not as per original OEM recommendation.
3. The crane lights are not included in any maintenance, inspection or Dropped Object Survey.



CORRECTIVE ACTIONS: To address this incident, this company did the following:

1. A Review of SAP/ Tour Inspection / Crane reports is to include crane lights and retention.
2. DROPS inspection to include the rest of the Rig, i.e. cranes, not just derrick.
3. All repairs must have OIM and/or Engineering Approval.
4. The crane manufacturer was asked to review the lighting arrangements for cranes and provide recommendations.
5. Instructed rig and maintenance personnel that all secondary retention cables on potential dropped objects are to be checked for correct attachment, length and corrosion.
6. If light fittings are not required, remove them.

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