



Safety Alert

From the International Association of Drilling Contractors

ALERT 07 – 18

DROPPED OBJECT - SATELLITE DOME

WHAT HAPPENED:

It was necessary to move the satellite dome on a Mobile Offshore rig. A set of nylon straps was used to remove a telephone satellite dome from the aft location to the bow. When it was to be landed on the pilothouse the shackles would not allow it to sit properly. It was put on boards and the shackles were taken off. The crews rigged up a 2" nylon ratchet strap that was run through the eyes of the nylon slings around the base of the dome. The dome was picked up 4" and everything was checked to make sure the load was distributed evenly. The dome was picked up 4 feet and stopped to remove a shackle that was not initially removed; the dome fell to the deck causing severe damage to the dome.

WHAT CAUSED IT:

The 2" nylon ratchet handle was not properly closed, therefore not being positively locked.

Contributing Factors

- ◆ No JSA or risk assessment for that specific job was done.
- ◆ There was no procedure from the manufacturer on how to handle the dome.
- ◆ Mounting brackets were of two different patterns.

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

1. Procure proper manufacturer procedures and lifting devices. Manufacturer makes a lifting device, but the wrong one was sent.
2. All rigs must review their procedures for handling the satellite dome and ensure proper handling procedures.

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.

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