

## Message from Operations

As we head into the second half of 2011, I am impressed by the scope of work we are collectively performing throughout RM. From retail site closure and refinery remediation to transformation of former terminals and mines into beneficial reuse properties, we are engaged in some exciting, important and cutting edge work. And as our record shows, we are doing this in close alignment with BP's "no accidents, no harm to people, no damage to the environment." Let's not lose sight of this goal as the long, hot summer days continue to roll out. **Regular breaks, frequent hydrating** and intentional **awareness to people, activities and conditions** surrounding you can play a significant role in helping accomplish this. Make a point of making sure the **person next to you** is going home safe at the end of the day! Thanks. – Sergio Morescalchi, BP RM PM

## FROM THE FIELD . . .

Several BP RM sites have noted recent **high wind events**, with at least one site recording winds high enough to blow open the **doors to the portable restrooms**. As doors are only latchable from the inside when in use, the risk of empty restroom doors **potentially striking**

nearby or approaching personnel becomes a concern. At the Leviathan site, the portable restrooms are located near the office trailers, in an area specifically noted as a break area – no hard hat required. When the wind grew to more than 35 mph and began blowing open doors, Leviathan personnel contacted the restroom vendor and requested **exterior latches on the portable restrooms**, allowing them to be latched even when not in use. The vendor was more than happy to comply, and the added latch not only **keeps wind from blowing** empty restroom doors open, but keeps **small animals out** and **ensures the doors are fully shut** when not in use. – *Special thanks to BP PM Tony Brown, AMEC's Marc Lombardi and Leviathan site personnel!*



Pressure relief device

## Consider This . . .

This past month many of our site personnel, friends and family have been experiencing a large **heat wave, covering central, southern and eastern US states, and eastern Canada**. The impact has been linked to at least 46 fatalities, and is showing ramifications for food production (thousands of cattle dead), utilities and power production/consumption, and also poor air quality. As a reminder both on the job and off, the CDC stresses the **importance of staying cool, hydrated and informed** about weather and heat information. Malls, libraries and movie theaters offer air conditioning, and **free weather alerts** are available at [www.weather.com/mobile](http://www.weather.com/mobile). **Preserving your own health and safety** can help make it possible for you to **check in on and assist elderly**, sick or debilitated neighbors and friends. View the recent CDC press release with links and information – [http://www.cdc.gov/media/releases/2011/a0725\\_staycool.html](http://www.cdc.gov/media/releases/2011/a0725_staycool.html).

## Additional Resources

**BP RM HSE Site** <https://wss2.BP.com/remediationmanagement/HSE/default.aspx>

**SOCs Minute Resource Site** <http://socs.dataaccel.com/> (user ID: socs, Password: safety)

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## Contractor's

The BP Lifting Defined Practice states that a lift cannot exceed 75% of the load capacity of the lifting equipment. For some lifts involving potentially unknown amounts of friction on the system, it is necessary to **engineer the system** so that it is **not possible to overexert** any part of it. While performing zonal water sampling during the 2010 Yerington drilling program, a wire hoist rope broke while attempting to raise a pump out of a borehole. **Although the pump weighed far less** than the lifting capacity of the wire rope being used to raise it, when the pump became stuck due to sediment and silt, the motor at the other end of the rope **continued**

**to exert pressure** on the rope to retrieve the pump, and the rope broke. The wire rope was rated to be able to handle the pump and the hoisting system was engineered so that the motor was not stronger than the wire rope, but **there was no physical way to ensure the system worked** as designed and the hydraulic pressure wasn't exceeded. As geologists, HSSE officers and Boart Longyear drilling staff met to discuss the event, Boart Longyear staff suggested installing a **pressure relief device** on the motor to **limit the strength of the motor** to a known limit, less than 75% of the rope's capacity. This way, even if a pump or other item becomes stuck, the motor will only exert a limited amount of force on the rope. If the item cannot be retrieved in this manner, a new solution can be devised, but the **rope and lift system will be preserved**. Boart Longyear has now installed the pressure relief devices on all sonic rigs at the Yerington site, and is in the process of installing them on their entire fleet. – *Special thanks to Penny Basset, Boart Longyear, & the Yerington 2010 drilling crew!*



## @Traction

RM's 2011 Q2 finished with **no DAFWCs, no HIPOs** (1 total for 2011), 6 first aid cases (8 total for 2011), and our only 2011 recordable. Notable to June were incidents and near misses involving **third party drivers** on the road and in parking lots, **defective equipment (primarily hydraulic lines/systems)**, **inattention** to surrounds, **weather** (high winds, lightning), and **biological hazards** (ticks, wasps, vegetation). Focus on **being alert to 3rd parties, site activities, ground conditions and tick prevention**, as well as inspection and secondary containment (if possible) of **hydraulic systems**. Also, drum and other **theft continue to occur**; consider how to secure items or not leave them on site overnight.