



Noble Corporation

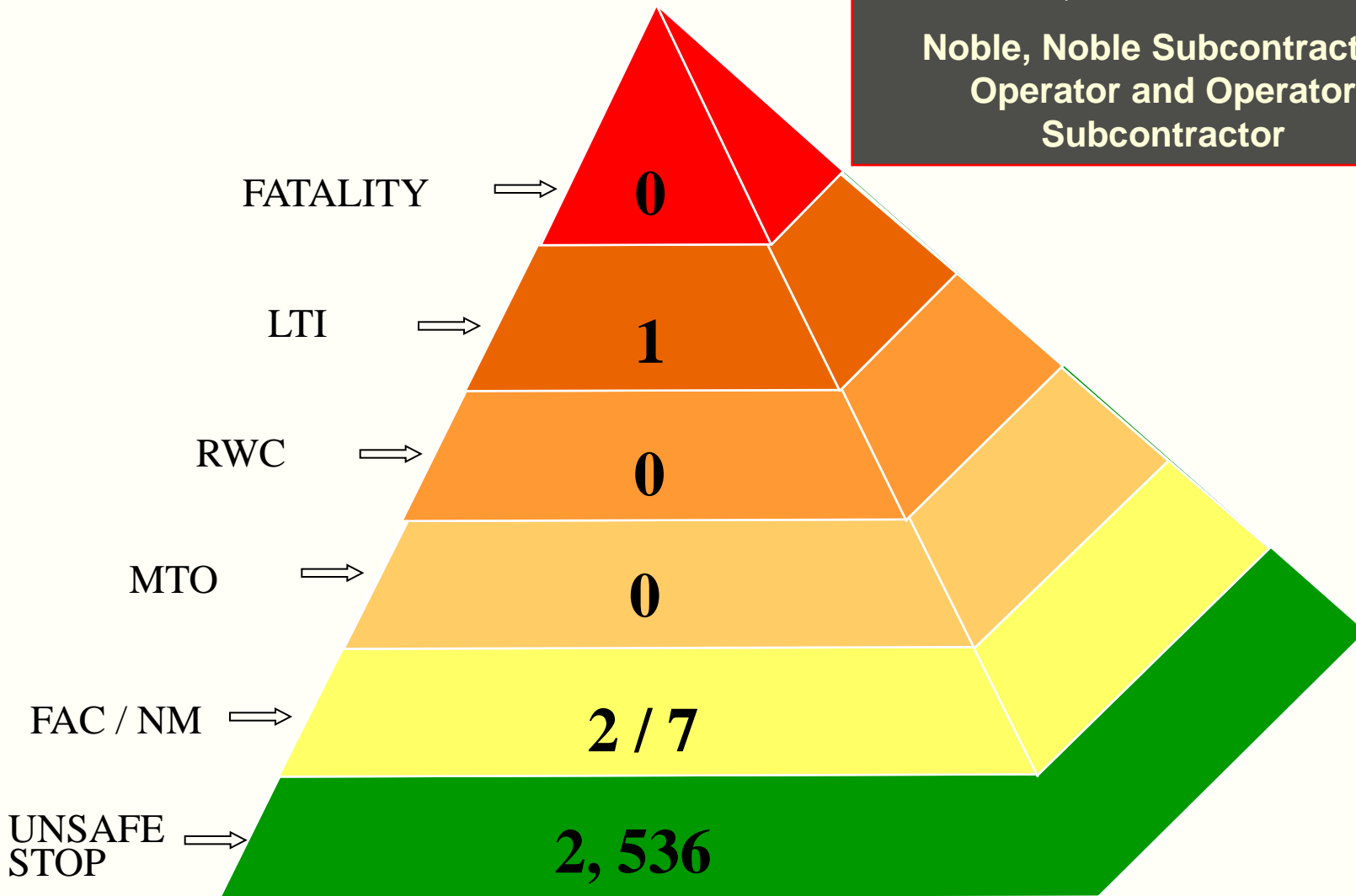
DOIRC Meeting Statistics and Incident Review.

23-November-2011

2nd Quarter 2011

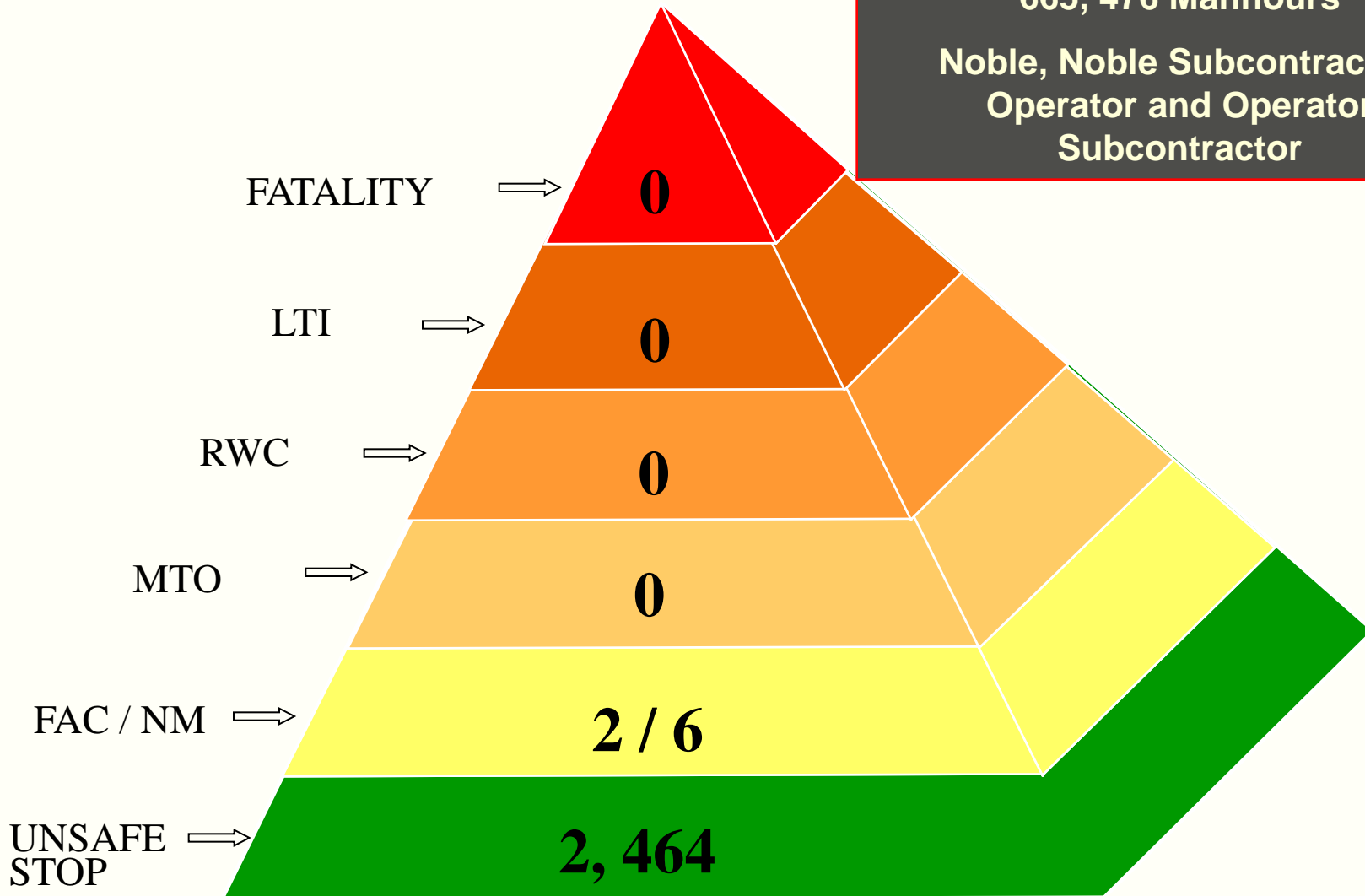
566, 180 Manhours

**Noble, Noble Subcontractor,
Operator and Operator
Subcontractor**



3rd Quarter 2011

665, 476 Manhours
Noble, Noble Subcontractor,
Operator and Operator
Subcontractor



**Lost Time Incident
Thumb Injury**

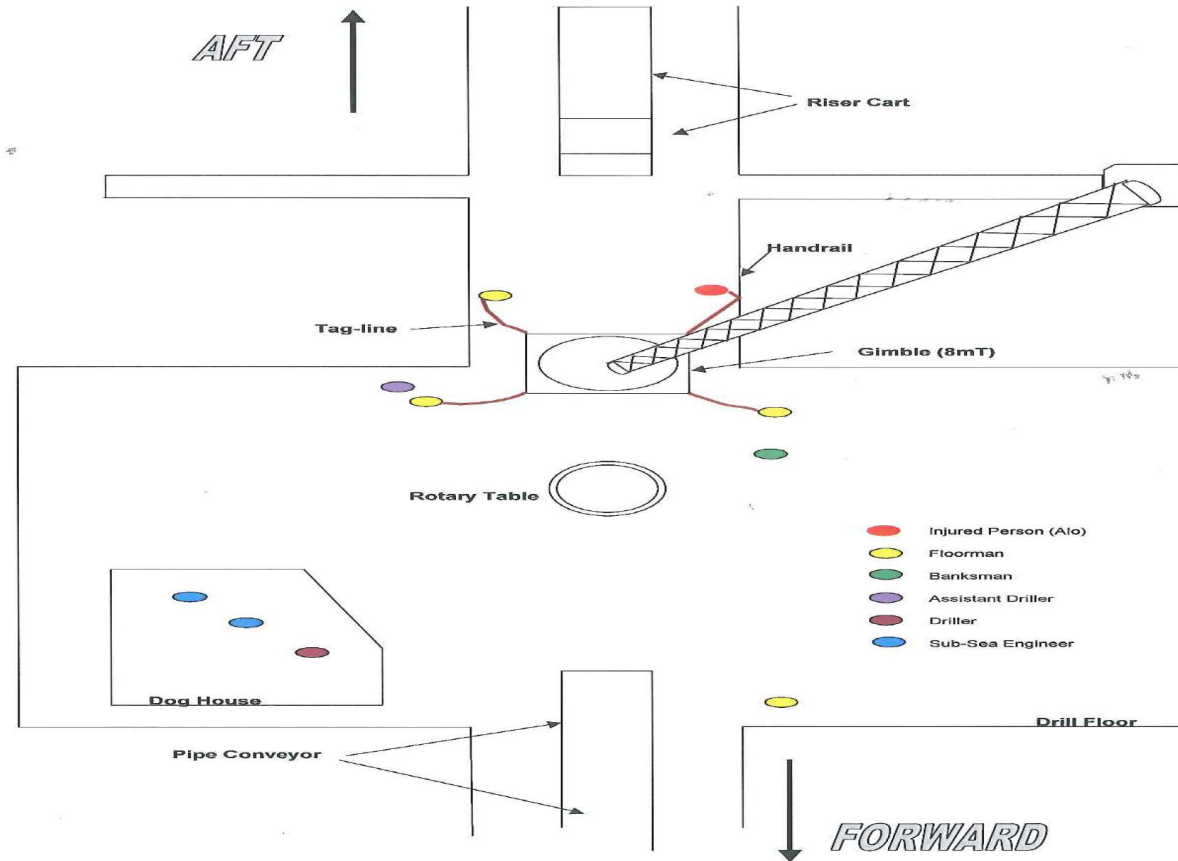
**Noble Phoenix
1st February 2011**

Description of Incident



- The riser gimble was being lifted to the rig floor in preparation for unlatching the LMRP. The load was hoisted above the aft catwalk at which point the drill crew took control of the load with 4 tag lines (3/4" manila rope). The injured person (I.P.) was handling the tag line on the port aft catwalk.
- He wrapped the tag line around the handrail to help control the load but with only two wraps the rope continued to slip. As he was attempting to add one more wrap, his thumb got caught under the rope against the handrail.
- When he removed his glove he realized that the end of his thumb was almost completely amputated.

Positions of personnel



Noble Phoenix

Incident # 617096 - Thumb caught between handrail and tag-line

Positions of personnel - Incident date 01 February 2011 - Time 15:40 hrs

Position of injured person



Root Causes



➤ **Inadequate Engineering:**

- Gimble was stored in a location which had no way to control the swing of the equipment in rough conditions.

➤ **Inadequate Job Planning:**

- Gimble was not easily accessible to the crane
- Pre-job meeting was held, but risk associated with swinging a heavy load from a confined location was not discussed or mitigated.
- Separate pre-job meetings were held by the deck and drill floor crews, yet this operation was a joint effort, thus a single meeting should have been held.

Root Causes



- **Inadequate Tools and Equipment:**
 - Noble approved taglines were not in use. They were ordered but had not yet arrived onboard.

Corrective Actions



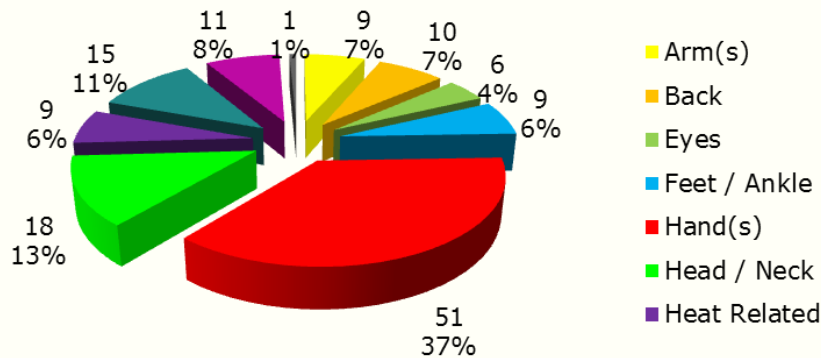
- Review Riser Gimble storage location and either move to another location or provide with bumpers to prevent the need for manual control of the load.
- Conduct “hand safety” awareness training
- Improve quality of rig JSA’s and work instructions to ensure risk are identified and mitigated.
- Counsel crew supervisors on the need to hold a joint pre-job meeting when both deck and drill floor crews are going to be involved in any operation.
- Purchase “Noble Standard” taglines and ensure they are utilized for all lifts.

Hand Injuries

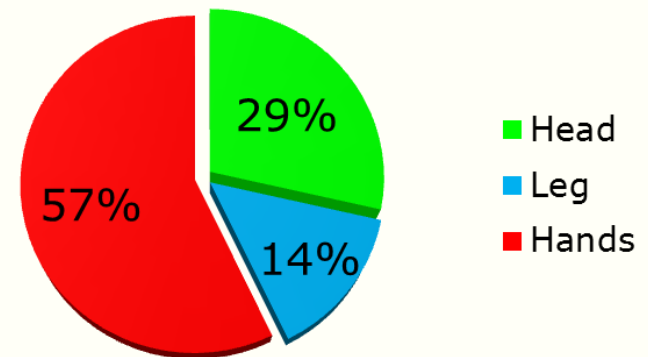


- As a company and an industry, hand and finger injuries are by far the most common injuries seen in our operations.

Work related events



Recordable Events



Hand Injuries – Taking Action



- Hands free policy
- Approved cutting tools
- Standard Taglines
- Stiffy Poles
- Cargo Handling Tools
- Impact Protection Gloves

Standard Taglines

- Noble Standard Tagline 5/8" X 15' and 5/8" X 20'



Stiffy Hand Tools



Used to keep personnel clear of the loads.

Also used to retrieve taglines from under loads.

Cargo / Drill Pipe Handling Tools



Cargo Handling Tool



Casing Handling Tool



Drill Pipe Handling Tool



Pipe Connection Guide

Impact Protection Gloves



Last line of defense

- Provide impact protection
- Provide anti-cut protection
- Provide puncture protection

Any Questions / Comments?