DROPPED OBJECTS

STILL HARMING
STILL KILLING

DROPS
DROPPED OBJECTS PREVENTION SCHEME
“Working to make our industry a safer place”
• To raise awareness of potential dropped objects

• To explore methods for the control and prevention of dropped objects

• To recognise your personal responsibilities for the prevention of dropped objects

• Eliminate injury to people and damage sustained to equipment due to dropped objects throughout Industry.

• Ultimately to deliver a ‘second-nature’ dropped objects prevention strategy
WHAT IS A DROPPED OBJECT?

“Any object that falls from its previous static position under its own weight”
WE ARE ALL EXPOSED TO
POTENTIAL DROPPED OBJECTS

• A book falling from a shelf…
• A slate from a roof…
• A bolt falling from 100m…
• Other **REAL** examples…
HOW BAD IS THE PROBLEM?

AT WORK:

“Dropped Objects are among the Top 10 causes of Fatality and Serious Injury in the Oil and Gas Industry”

AT HOME AND AT LEISURE:

“The top three causes of fatal accidents are...falls from height...being struck by moving vehicles...and being struck by falling objects” (RoSPA)
It’s Still Happening…Real Incidents
NIOSH 2003 – 2006
Fatalities among US Oil and Gas Workers

It’s Still Happening…Real Incidents
<table>
<thead>
<tr>
<th>Injury event</th>
<th>No. of fatal injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highway crash</td>
<td>110</td>
</tr>
<tr>
<td>Struck by object</td>
<td>88</td>
</tr>
<tr>
<td>Explosion</td>
<td>36</td>
</tr>
<tr>
<td>Fall to lower level</td>
<td>30</td>
</tr>
<tr>
<td>Fire</td>
<td>27</td>
</tr>
<tr>
<td>Caught or compressed in moving machinery or tools</td>
<td>26</td>
</tr>
<tr>
<td>Not wearing seatbelt</td>
<td></td>
</tr>
<tr>
<td>Workers were ejected upon impact and likely were not wearing seatbelts.</td>
<td></td>
</tr>
</tbody>
</table>

A total of 88 (22%) workers died after being struck by tools and equipment (most of which were dropped from a height), and another 26 (6%) were caught or compressed in moving machinery or tools. Approximately one-third of the workers died at the scene or knew they would die at the time of impact.
Even small objects can kill!!!
Do you think this will kill if dropped from 10m?
Imagine a dropped bolt
“So what are we doing about it?”
Workgroup Members
• Over 70 companies all sharing commitment and enthusiasm for dropped object prevention.

• Basic remit to consider and review all avenues available for improving the industry’s dropped object prevention performance.

• Distil and identify key learnings and deliver these to industry effectively as awareness, best practice, recommendations, lessons, tools and techniques.
Interdependent Safety Culture

- **Natural Instincts**
  - Rules Culture
  - Do as we say and you will be safe
  - Zero as a vision

- **Supervision**
  - Management commitment and driven
  - Governed by rules and regulations
  - More reactive than proactive
  - Selective communication of objectives
  - Use of control/discipline prevalent
  - Turf-type atmosphere

- **Self**
  - Process and complexity of the operation are well understood
  - Personal commitment to safety
  - Individuals can self-manage
  - Most improvements are procedure-based
  - Individuals share logic and ideas

- **Team**
  - Cooperation within and across team
  - Peer’s keeper
  - Organisational pride
  - Management is comfortable leading or allowing others to lead
  - Team is fully engaged in goal setting and improvements

“Interdependent Safety Culture”
• Assign specific focus groups to work each key issue to its conclusion as an effective deliverable product.

• Meet regularly to review progress, share best practice and lessons learned, prioritise focus areas and present new technologies / services.

• **DROPS Work Group** members all participate, contribute and help drive the direction and deliverables of the Campaign. Each brings their own organisation’s influence and concerns to **DROPS**.
• **DROPS** has produced a broad array of tools, products and deliverables, including inspection programmes, awareness videos and presentations, safety checklists, guidelines, procedures and best practices.

• Marketing concept is a workpack system, where **DROPS workpack** contains all **DROPS** products to date with option to subscribe to future updates.

• Workpack format ideal for individual assets, eg platforms, rigs, terminals, bases and now hundreds in use around the world.
• **www.dropsworkpack.com** is the main vehicle for presenting and marketing our products and giving access to free downloads, alerts, contacts, news and general **DROPS** information.

• Developing more products and deliverables is an ongoing process – effectively the output of the **DROPS Work Group**.

• Sale of Campaign Packs and Work Group Membership subscriptions provide the revenue for ongoing product development on a self-sustaining basis.
Questions