



Prevention of Dropped Objects



Introduction to the Shell Global DROPS Campaign

Drops Forum, Den Helder
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Agenda

What is DROPS?

Why is it important?

Who is it for?

What is the objective of the campaign?

How will it be implemented?

What is the role of the DROPS Focal Point?

What is the timescale?

What happens next?

What is DROPS?

The DRopped Objects Prevention Scheme is designed to:

- eliminate dropped objects from our business
- prevent harm to people from dropped objects
- prevent damage to equipment from dropped objects

Why is DROPS important?

DROPS incidents in first half of 2009

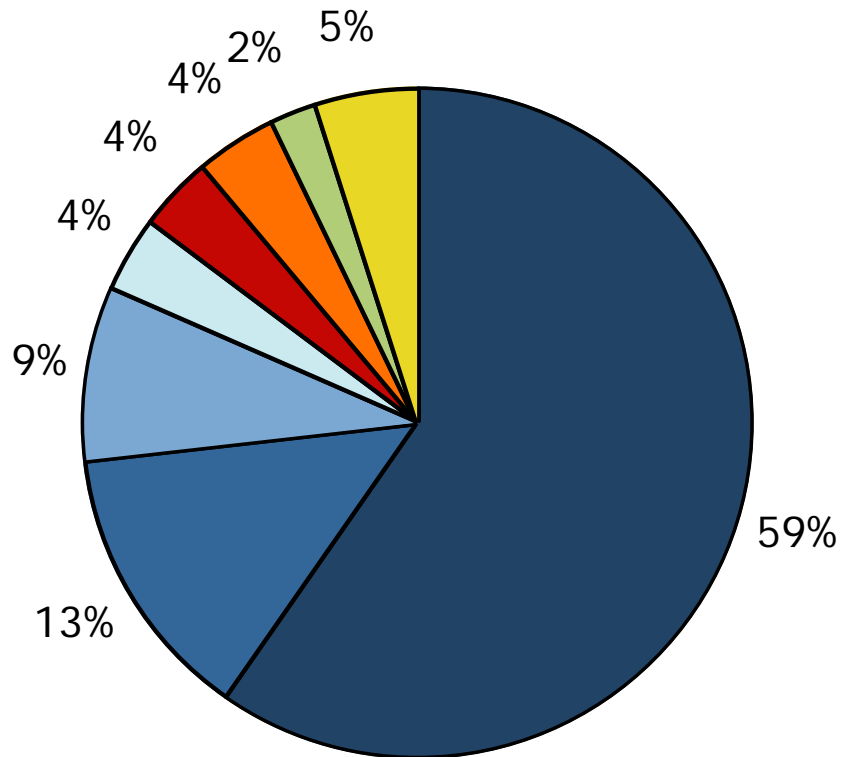
- 60% of all high potential incidents (HIPOs) are dropped objects
- 49 dropped objects incidents in Shell Global wells operations
- 2 fatal incidents in the past year

Why is DROPS important?

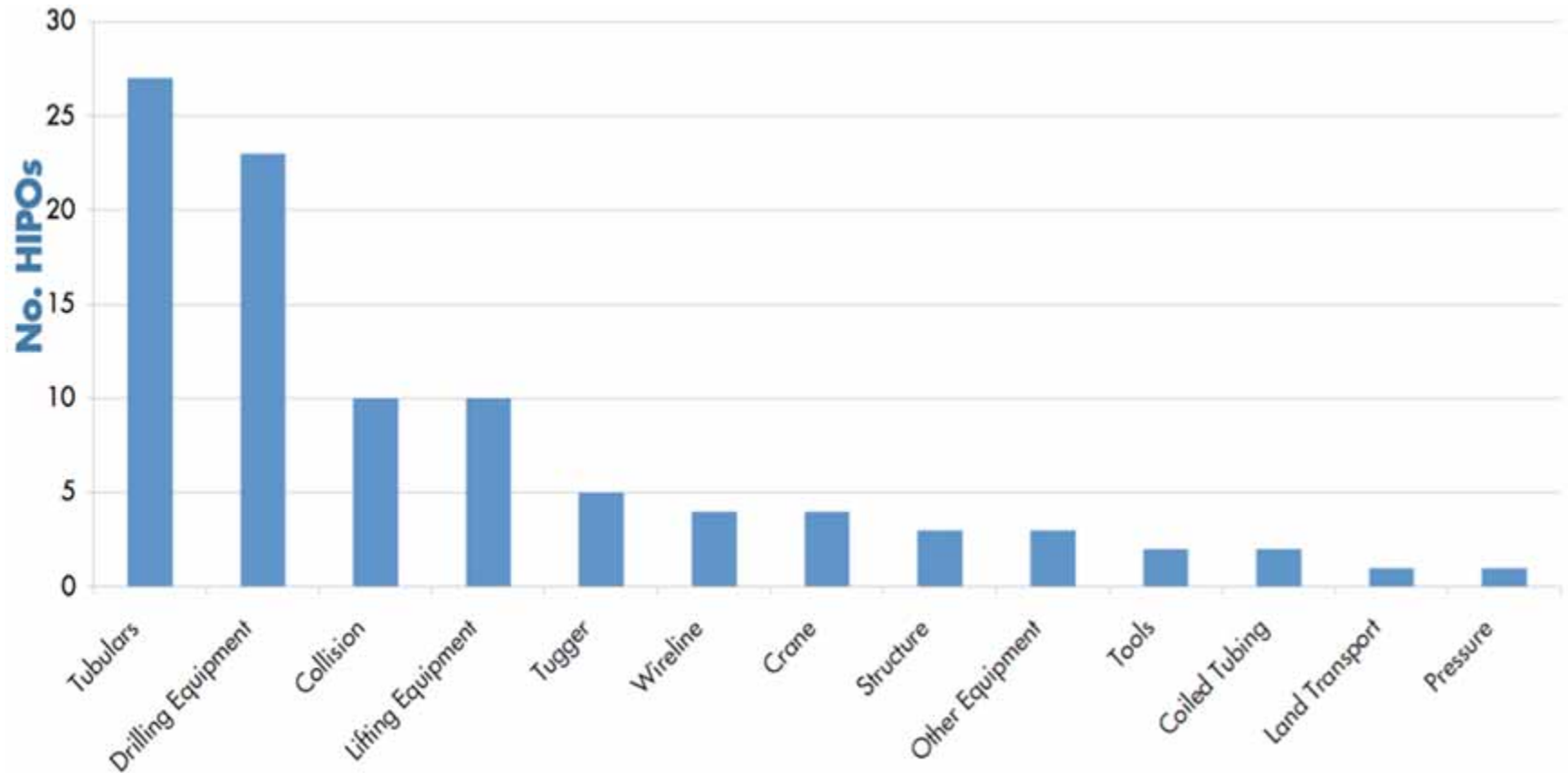
HIPO Definition:

- An unplanned HSE event (incident or near miss) which has the potential severity to cause permanent disablement or death.
- HIPOs will be restricted to high potential with respect to consequences on people and will include all significant dropped objects and violation of Life Saving Rules.

Shell global wells operations HIPO Categories 2009



Shell global wells operations dropped object categories *(2008 and H1 2009)*



Prevention of Dropped Objects Manual

- Principle 1:** Contractors providing equipment and personnel on Shell well sites shall have a Dropped Object Prevention Scheme
- Principle 2:** A systematic dropped object inspection programme shall be in place.
- Principle 3:** Worksite Hazard management for dropped objects shall be in place.
- Principle 4:** Audits to check for compliance with Dropped Object Prevention Scheme shall be in place.

Each principle has a series of mandatory requirements

Prevention of Dropped Objects Manual

Principle 3: Worksite Hazard management for dropped objects shall be in place.

Examples:

- Tubular Handling checklists
- Forklift Clamps
- Secondary Retention
- Equipment at Height Inventories/Temporary Equipment Registers
- Maintenance Management Systems
- Tethered Tools at height
- Red and No-Go Zones

Who is the Shell DROPS for?

- All Shell (staff and contractor) managers and supervisors
- All Shell drilling, completion and well intervention staff and contractors

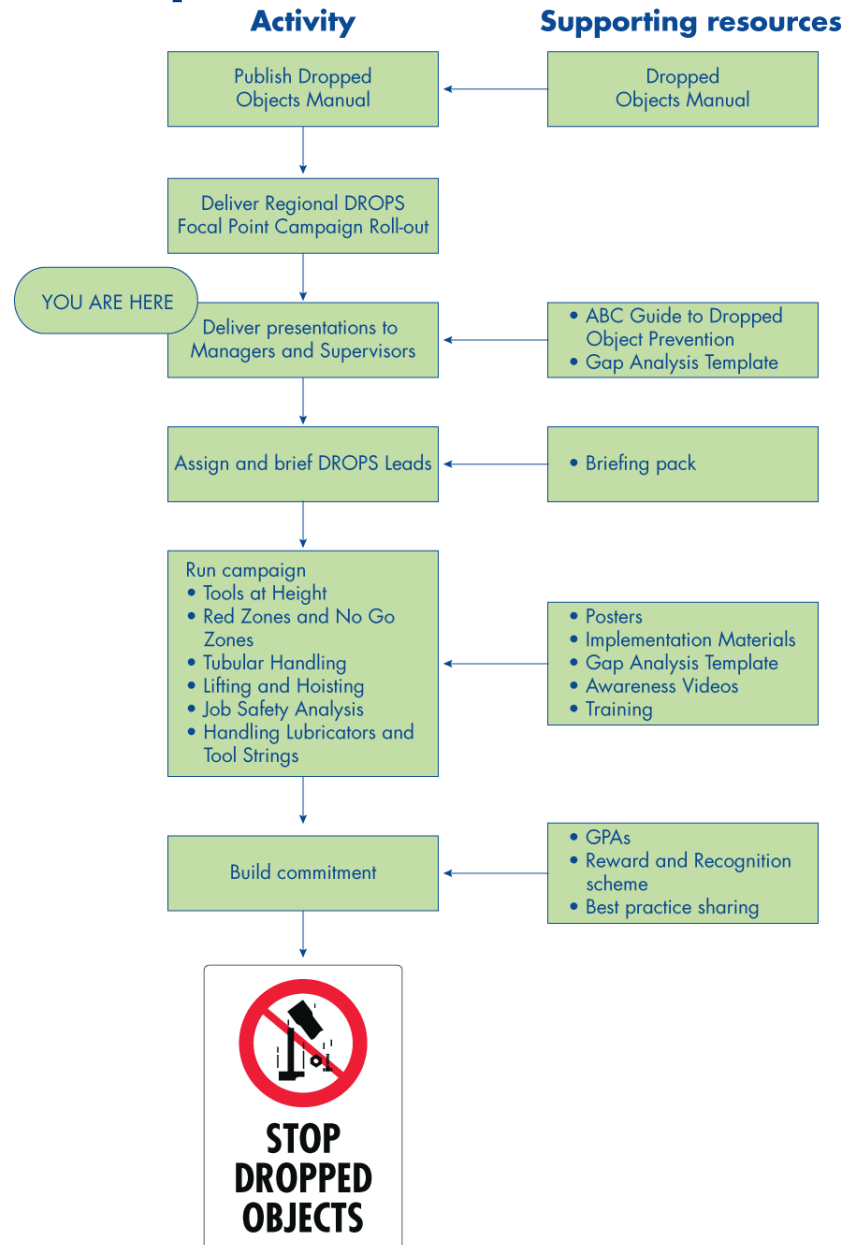
What is the objective of the Shell DROPS campaign?

To eliminate dropped object incidents by:

- communicating the scale of the problem to everyone
- training key personnel on how to avoid dropped object incidents
- mobilising the workforce to play their part in eliminating the hazards
- complying with the mandatory DROPS requirements on a day to day basis on all sites

Changing Behaviours

DROPS Roadmap



How will the Shell DROPS campaign be implemented?

<p>People</p> <ul style="list-style-type: none">• Regional DROPS Focal Points responsible for ensuring compliance with mandatory requirements• DROPS Leads assigned to run campaign at their location• Line accountability and individual's responsibility	<p>Training</p> <ul style="list-style-type: none">• Cascaded learning sessions across office, wellsite, contractors• Train the trainer sessions• DROPS Leads to run the campaign at their location and train/coach staff
<p>Communication</p> <ul style="list-style-type: none">• Presentation for external publications managers and supervisors• Regular coordinated regional activities – clarify expectations, share learning, monthly teleconference• Articles for internal and external publication• DROPS intranet site• Posters	<p>Issue of manuals and guidance</p> <ul style="list-style-type: none">• Prevention of Dropped Objects Manual• Dropped Object Prevention Handbook• Gap Analysis Template• Awareness videos to convey key messages

Shell DROPS Campaign Topics

Campaign Topics

- Tools at Height
- Red Zones and No Go Zones
- Tubular handling
- Lifting and hoisting
- Job safety analysis
- Handling lubricators and tool strings

Deliverables per topic

- Awareness videos (language free)
- Posters
- Quick reference cards
- Articles for internal and external newsletters
- Presentation for safety meetings/training packs

What is the role of the Drops Focal Points?

- Knowledge of Prevention of Dropped Objects Manual and its intent
- Communication of requirements to their teams, including contractors
- Track status of compliance with mandatory requirements
- Distribution of Dropped Objects Prevention Handbook
- Distribution of other campaign materials (posters, videos, handouts)
- Co-ordination of gap analysis and compliance action planning
- Securing management support - allocation of time to this task
- Running briefing sessions for DROPS Leads

What is the role of the Onsite Drops Lead?

Knowledge of Prevention of Dropped Objects Manual and its intent

- Communication of requirements to the site teams
- Track status of compliance with mandatory requirements
- Distribution of Dropped Objects Prevention Campaign Materials
- Lead Gap analysis and compliance action planning
- Securing management support – time, money to support changes

DROPS Campaign Timescale

- Wells Leadership Team endorsement, Prevention of Dropped Objects manual issued July 2009
- Regional DROPS Focal Point meeting July 2009
- Include DROPS requirements in appraisal discussions
- Appointment of Wellsite DROPS Leads for each location August 2009
- Meetings with contractors July/August/September 2009
- Gap analysis and correction planning carried out at each location/work group. Ongoing.
- Operational implementation Nov 2009 onwards, including availability of video material (new video every 3 months)
- Compliance with mandatory requirements by 01 Jan 2010
- Auditing throughout 2010

DROPS Programme

Any Questions?

