

Drilling Safety and Technology Summit 2009

Delivering Industry Best Practices and Technology to
Implement Safety and Support Business Sustainability

Kuala Lumpur, Malaysia | 14-15 January 2009

INTRODUCING...

SOLUTION SPOTLIGHTS: UTILIZING LEADING-EDGE TECHNOLOGIES AND
METHODOLOGIES TO SUPPORT SUCCESSFUL SAFETY IMPLEMENTATION

DSTS 2009 MAJOR THEMES:

- TAKING OWNERSHIP AND ACCOUNTABILITY AS PRECURSORS FOR IMPLEMENTING SAFETY IN UPSTREAM OPERATIONS
- WORKING WITH EFFECTIVE PROGRAMMES TO ENSURE SAFETY IS BUILT IN THE UPSTREAM WORKER MINDSET
- REVIEWING OPERATOR BEST PRACTICES FOR MAINTAINING AND SUSTAINING SAFE OPERATIONS
- RELATING TO CONTRACTOR AND SERVICE PROVIDER EXPERIENCES FOR APPLICATION IN UPSTREAM ACTIVITIES



10,000 MAN-HOURS OF PRODUCTION ARE LOST TO PREVENTABLE INCIDENTS EACH YEAR. WHAT ARE YOU DOING TO REVERSE THIS?

Drilling Safety and Technology Summit is the leading platform to promote the business value of safety on drilling and offshore operations. The event gathers Drilling Managers, Safety Managers, and Senior Executives who know that the bottom-line of safety is business sustainability.

Take the opportunity to listen and be heard on the cost-effective value safety brings. Realise best practices and technologies to support your business sustainability endeavours. Gain support when you say, safety means business.

LEARN FROM THE INSIGHTS AND BEST PRACTICES OF LEADING OPERATORS AND CONTRACTORS IN THE INDUSTRY:

ALAIN BESSON
DRILLING DIVISION
TOTAL E&P INDONESIA

MR. ASHOK GARLAPATI
HSE SPECIALIST (E&PD)
KUWAIT OIL COMPANY

MOHD SOFFIAN
HEAD OF HEALTH, SAFETY AND ENVIRONMENT
BRUNEI SHELL PETROLEUM CO SDN BHD

SEYED MOUSA MOUSAVI MIRKALAEI
SENIOR DRILLING ENGINEER
NATIONAL IRANIAN OIL COMPANY

CEES DE REGT
ASSOCIATE DIRECTOR HSE & RISK SOLUTIONS
DNV ENERGY, ASIA PACIFIC & MIDDLE EAST

BAMBANG PURWOHADI
CHAIRMAN
INDONESIAN OIL AND GAS DRILLING CONTRACTORS ASSOCIATION

DR RAJENDRA UPPIN
HEAD OF QUALITY HSE
ABAN OFFSHORE LIMITED

UMA KANTHAN
GROUP HSE HEAD
ESSAR OIL

SATRIO PRATOMO
HSE MANAGER
PT ENERGI MEGA PERSADA TBK

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DAY ONE • 14 JANUARY 2009

THEME 1: TAKING OWNERSHIP AND ACCOUNTABILITY AS PRECURSORS FOR IMPLEMENTING SAFETY ON OFFSHORE OPERATIONS

08:00 REGISTRATION FOR BREAKFAST MEETING

09:00 BREAKFAST SESSION: THE MANAGEMENT PERSPECTIVE OF THE BURDEN OF SAFETY

The Breakfast Session will provide the leaders in upstream safety management the platform to share issues, discuss drawbacks, and exchange tried-and-tested solutions that are relevant for the leading players of the drilling industry today in an informal, relaxed setting.

The Breakfast Session discussion topics will begin with the following guide questions:

- How does safety impact your bottom-line?
- How high is safety on your business operations food chain?
- Has there been progress for safety as a buzzword?
- Who are the new supporters of safety to meet with and what do they deliver?
- What are the trends for implementing safety for a business-sustainable safe tomorrow?

Session will be moderated by the Chairman.

09:30 REGISTRATION FOR MAIN CONFERENCE

10:00 CHAIRMAN'S OPENING ADDRESS AND WELCOME TO THE CONFERENCE

10:15 OPENING KEYNOTE ADDRESS: BECOMING THE SAFETY CHANGE-MAKER: WHO'S IN CHARGE

- How Can You Own the Safety Policy?
- Understanding that Cooperation is Key to Implement Change
- Reviewing Responsibilities of Each Party
- Best Practices to Effectively Secure People Buy-in

SATRIO PRATOMO
HSE MANAGER
PT ENERGI MEGA PERSADA TBK

11:00 NETWORKING COFFEE BREAK

11:30 SOLUTION SPOTLIGHT: USING ADVANCE TECHNOLOGY TO OPTIMIZE OFFSHORE PRODUCTION TO ENHANCE SAFETY PRACTICES

Invited: NITON

12:00

CONTRACTOR SAFETY MANAGEMENT: ROLES AND RESPONSIBILITIES FOR IMPLEMENTING SAFETY

Planning, training, supervision and monitoring are essential to manage risks and achieve effective safety standards. Both contractors and operators carry the task of due diligence to implement safety. Serving 9 years as HSE Manager with Cairn Energy, Uma Kanthan provides a guide for evaluating contractor safety management best practices that support business sustainability by sharing insights on:

- Determining the Main Responsibilities of Oil and Gas Operators
- Analysing Hazards within the Business
- The Use of Reviewing Contractor Performance
- Sharing Leadership Behaviours

UMA KANTHAN
GROUP HSE HEAD
ESSAR OIL

12:45

NETWORKING LUNCHEON

THEME 2: WORKING WITH EFFECTIVE PROGRAMMES TO ENSURE SAFETY IS BUILT IN THE UPSTREAM WORKER MINDSET

14:00

APPLYING THE TRIED AND TESTED: UTILIZING BEHAVIOR BASED SAFETY TO SUPPORT SAFETY IMPLEMENTATION AND PROMOTE BUSINESS SUSTAINABILITY

Behavior Based Safety (BBS) involves applying psychological techniques to promote safety in multi-disciplinary work environments within the energy industry. Gilbert shares how these techniques are effective, how they can be applied, and what the potential results these would have on individual business units according to experiences with Pertamina and other operators in Indonesia through:

- Incident Statistics and the Impact of Behavior Based Safety on those Statistics
- Reviewing Various Practical Approaches to Maintain the Safety Culture
- Implementing and Customising Safety Procedures
- Effective Methods to Receive Feedback From Colleagues
- Commitment and Consistency in Safety Management System

GILBERT MARKUS NISAHPH
DIRECTOR
PT ITS

14:45

RAISING THE BAR FOR SAFETY BY TRANSFORMING POLICY TO BEHAVIOR TO IMPLEMENT THE SAFETY REGULATION

MAKAPORN NARKPRASIT
EHS MANAGER-ASIA PACIFIC
GE INFRASTRUCTURE VETCOGRAY OIL AND GAS

15:30

NETWORKING COFFEE BREAK



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16:00 ELEVATING SAFETY FROM POLICY TO BEHAVIOR CULTURE: PREVENTING BEHAVIOURS THAT UNDERMINE THE SAFETY CULTURE

Gaining employee safety buy-in is more effective for eliminating unsafe behaviors and practices. Harry Eddyarso's recounts his experiences as Drilling Engineer and HSE team leader in eliminating disruptions that could potentially cause unwanted downtime, including:

- Preventing Behaviors that Undermine a Safety Culture
- Components of a Strong Safety Policy Statement
- Offering Peer Counseling to Reinforce Safety Behaviors
- Achieving Top-Management Buy-in
- Applying the Checklist of Disruptive Behavior

HARRY EDDYARSO
DRILLING ENGINEER
PT. PERMATA DRILLING INTERNATIONAL



16:45 SOLUTION SPOTLIGHT: DUPONT METHODOLOGY

With new technology come increased challenges to safety as processes and systems have to change to adapt. Listen to a panel of experts discuss and debate on the merits on new technologies and the part that they play in safety on the drilling platforms.

17:30 CHAIRMAN'S CLOSING REMARKS END OF CONFERENCE DAY ONE

09:45 HOW TO BREAK COMMUNICATION BARRIERS FOR ENHANCING SAFETY AWARENESS ON RIGS

HSE implementation practices generally yield positive results immediately after implementation. But after time, HSE results reach a plateau. Learn from Alain as he shares how TOTAL Indonesia process breaks communications barriers and gains the participation of its people for HSE practices:

- When stand down operations occur, rig operations are shut down for about two hours; personnel from town as well as from the rig join together and hunt for anomalies, with rewards for the best observations.
- Brainstorming sessions are held on the rig and include all first line personnel; questionnaires and audiovisual supports are used; again, best ideas are rewarded.
- Workshops are carried out in town; with videos, games, theater, brainstorming, and rewards, but also tests are performed all during a full day HSE interactive training.

This paper and presentation reviews the tools used for improving HSE performances and breaking the "plateau" through "reverse and pragmatic" approaches which have proven their efficiency with outstanding results.

ALAIN BESSON
ARIA SAKTI BRATARA
RAMADHAN HIDAYAT
DRILLING DIVISION
TOTAL E&P INDONESIA

Note: This paper was first presented at the INDONESIAN PETROLEUM ASSOCIATION (IPA) in May 2008. The authors thank the IPA organization for giving the authorization to present this document a second time.

DAY TWO • 15 JANUARY 2009

08:00 REGISTRATION

08:45 CHAIRMAN'S OPENING REMARKS

10:30 NETWORKING COFFEE BREAK

THEME 3: REVIEWING OPERATOR BEST PRACTICES FOR MAINTAINING AND SUSTAINING SAFE OPERATIONS

THEME 4: RELATING TO CONTRACTOR AND SERVICE PROVIDER EXPERIENCES FOR APPLICATION IN UPSTREAM ACTIVITIES

09:00 ACHIEVING SAFETY, HARMONY AND SUSTAINABILITY IN THE WORKPLACE

MR. ASHOK GARLAPATI
HSE SPECIALIST (E&PD)
KUWAIT OIL COMPANY

11:00 HOW SHELL MAKES A DIFFERENCE: IMPLEMENTING SAFETY BEST PRACTICES FROM SHELL BRUNEI

MOHD SOFFIAN
HEAD OF HEALTH, SAFETY AND ENVIRONMENT
BRUNEI SHELL PETROLEUM CO SDN BHD

11:45 BEST PRACTICES OF DRILLING CONTRACTORS IN INDONESIA FOR BUILDING SAFE AND SUSTAINABLE OPERATIONS

Issues in Indonesia play a critical role in influencing the safety regulations of the industry. Bambang Purwohadi takes the lead and shares experiences for smooth operations with minimal downtime according to Indonesian Drilling Contractors:

- Internal Drilling Safety Policies for Sustainable Operations
- Best Behaviors that Keep Workers Free of Injuries
- Focusing on Incidents in Indonesia and Lessons Learned from them
- Channels for Promoting the Safety Campaign to Your People

BAMBANG PURWOHADI
CHAIRMAN
INDONESIAN OIL AND GAS DRILLING CONTRACTORS
ASSOCIATION



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12:30 NETWORKING LUNCHEON

14:00 OPTIMISING THE DESIGN AND OPERATIONS FOR SAFETY AND MEETING ALARP RISK LEVELS

Cees reports specific HSE hazards present in various working environments—specifically in high pressure, high temperature conditions. Discover how the associated HSE risks can be estimated and how they can be managed based on ALARP principles:

- Identifying HSE Hazards including Major Accidents and Working Environment Challenges
- Reviewing Best Industry Practice Tools to Estimate and Assess HSE Risks
- Effectively Applying the ALARP Principle for Business Operations
- Designing for Safety and Operating Safely
- Understanding How Good Ergonomics Can Improve your Working Environment

CEES DE REGT

ASSOCIATE DIRECTOR HSE & RISK SOLUTIONS
DNV ENERGY, ASIA PACIFIC & MIDDLE EAST

14:45 APPLYING THE PREVENTION IS BETTER THAN CURE PRINCIPLE: ELIMINATING BEHAVIORS THAT UNDERMINE THE SAFETY CULTURE

Implementing Safety becomes effective when you make a task a habit. Tap into Harry Eddyarso's years of experience as a Drilling Engineer and HSE team leader as he shares his industry best practices for eliminating behaviors that undermine safety and cause unwanted downtime.

Through the session listen and learn about:

- Preventing Behaviors that Undermine a Safety Culture
- Components of a Strong Safety Policy Statement
- Offering Peer Counselling to Reinforce Safety Behaviors
- Achieving Top-Management Buy-in
- Applying the Checklist of Disruptive Behavior

HARRY EDDYARSO
DRILLING ENGINEER

PT. PERMATA DRILLING INTERNATIONAL

15:30 NETWORKING COFFEE BREAK

16:00 CHALLENGES IN PROVIDING MEDICAL CARE AND TRAINING FOR OFFSHORE AND REMOTE SITES

The occupation health support scenario remains at status quo: sites are located in remote areas, medical supplies and equipment are isolated and limited, and medical personnel are lacking in training. Given these constraints and the increasing number of activities for offshore operations, offshore crew are more vulnerable today.

Rajendra Uppin diagnoses the conditions of occupational health for upstream operations according to three headings:

Recognizing the Symptoms of Offshore Medical Operations:

- The Medical Diagnosis and Support Scenario
- Operating with Tools: Present Medical Needs in terms of Personnel Equipment, Trainings, and Required Support
- Diagnosis for Future Medical Upstream Operations: Monitoring, Evacuation Services, and Remote Medicine Set-up

DR RAJENDRA UPPIN
HEAD OF QUALITY HSE
ABAN OFFSHORE LIMITED

16:45 CASE STUDY: OPERATIONS FOR 2 WELLS IN IRANIAN OIL FIELD

- Employing Safety Measures as both a Regulation and an Obligation
- Implementing Zero Harm by Focusing on Obligation
- When the Regulation is the Same for All Operations: Control is Key
- Implementation Strategy: Supporting Safety Measures in Between Shifts

SEYED MOUSA MOUSAVI MIRKALAEI
SENIOR DRILLING ENGINEER
NATIONAL IRANIAN OIL COMPANY

17:30 DRILLING SAFETY FOR THE ENVIRONMENT: RESPONDING TO OIL SPILLS

Oil Spill Responders face various risks at site. It is important to identify health and safety gaps during preparedness reviews and develop training programs to address them. The challenge is to identify appropriate standards in the training that will ensure the competence of responders, volunteers and contractors who are likely to be involved in the clean up.

Declan discusses the background on the development of a "Site Response Plan" and how it is used to ensure that a site is safe for the responders to work:

- A protocol on how a site will be entered and the process of quantifying benzene and monitoring of other gases including setting of safe limits
- Identification of risk at a site
- The correct type of Personal Protective Equipment (PPE) to be used

The presentation will discuss how health and safety issues are managed during a major oil spill response including what should be addressed during contingency planning.

DECLAN O'DRISCOLL
REGIONAL DIRECTOR

OIL SPILL RESPONSE AND EAST ASIA RESPONSE LTD.

18:15 CHAIRMAN'S CLOSING REMARKS
SEE YOU AT DSTS 2010



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MASTERCLASS • 13 JANUARY 2009

ACHIEVING EFFECTIVE AND EFFICIENT OPERATIONS WITH THE INTEGRATED QHSE MANAGEMENT SYSTEM

This intensive three-hour training session consolidates ISO 9001, ISO 14001 and OSHAS 18001 into a single management strategy. Considered the latest approach for effectively implementing QHSE, it incorporates Behavior Based Safety as a critical part and an effective means for achieving operational excellence. This session offers the potential benefits of lower incident rates, environmental compliance and higher costs saving for oil and gas activities. Learn the effective ways to:

- Integrate the Quality, Health-Safety & Environmental Management System
- Integrate the Hazard Identification and Environmental Impact into Company Procedures
- Effective Integrated monitoring, inspections, audit and reporting
- QHSE Management Review
- Creative and Innovative Continuous Improvement through Effective Small Group and Suggestion System.

TRAINER: GILBER MARKUS NISAPIH, DIRECTOR, PT ITS

Gilbert has been working and facilitating in the oil, gas and mining industries for the last 17 years. His work involves developing and facilitating QHSE programmes for mid to senior level management across the various disciplines of the business. His current expertise is offering trainings for the Integrated System for ISO 9001, ISO 14001, and OSHAS 18001 in mining, oil and gas industries.

Venue



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Drilling Safety and Technology Summit will be held at the Grand Millennium Kuala Lumpur. Strategically located in the heart of downtown Kuala Lumpur's Golden Triangle, the city's premier business and shopping districts, Grand Millennium Kuala Lumpur is surrounded by major offices, banks and shopping malls.

DSTS 2009 is the ideal platform to present your technologies, solutions and methodologies to a senior level audience.

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