



REGISTRATION BY: 28<sup>TH</sup> MARCH 2011

The 16<sup>th</sup> North Sea

# OFFSHORE CRANES & LIFTING CONFERENCE

O · M · H · E · C  
Offshore Mechanical Handling Equipment Committee



KRANTEKNISK FORENING  
NORWEGIAN SOCIETY OF LIFTING TECHNOLOGY



PETROLEUM SAFETY AUTHORITY  
NORWAY



State Supervision of Mines  
Ministry of Economic Affairs, Agriculture and  
Innovation



DANISH  
ENERGY  
AGENCY

12<sup>th</sup> – 14<sup>th</sup> April 2011  
Stavanger Forum, Stavanger, Norway

# WELCOME TO THE 16<sup>TH</sup> NORTH SEA OFFSHORE CRANES & LIFTING CONFERENCE

The Norwegian Society of Lifting Technology (NSLT) together with the Offshore Mechanical Handling Equipment Committee (OMHEC) are again proud to announce this year's North Sea Offshore Cranes & Lifting Conference.

The conference alternates between the "oil capitals" of Norway and Scotland - Stavanger and Aberdeen - these are the most important places of business for the North Sea oil and gas industry and home for regulators, the major duty holders, oil and gas contractors, service companies etc. During the conference, the participants will have a chance to meet and share their experiences with North Sea offshore petroleum regulators, experts and industry leaders from the offshore crane and lifting operations community. The conference has the goal to cover a wide range of new topics in offshore cranes and lifting technology, subsea and heavy lifting, crane standardisation and regulatory and industry safety initiatives. Participants will have ample opportunity to enter into discussions with the speakers and spend time interacting with companies demonstrating their goods and services in the Crane Expo area.



Photo: Sleipnir logistics inc.

## Why you need to attend "The 16<sup>th</sup> NSOCLC in Stavanger, Norway 12<sup>th</sup> - 14<sup>th</sup> April 2011"

You'll get the most up-to-date information in the offshore crane and lifting business industry, as well as answers to all of your crane and lifting questions. Additionally, world renowned crane business leaders, endusers, consultants, petroleum regulators and vendors will all be under one roof, solely for the purposes of learning, exchanging information, networking, see and try new technology and developing long lasting business relationships in order to contribute to enhance safety and improve business.

### What sets this conference apart from the rest?

*The 16th North Sea Offshore Cranes and Lifting Conference is the only conference with a complete focus on the offshore crane & lifting business in the North Sea and beyond.*  
*The conference is not a series of sales orientated pitches but a dynamic gathering of like-minded people involved in the offshore lifting industry. Our unique blend of presentations, case studies and exhibitions provides you with an unique opportunity to walk away from the summit with all of the critical information you need to get the most out of your daily lifting operational tasks. This conference gives the lifting community the platform that it truly deserves as it provides many hours of dedicated networking time for you to talk openly with your peers, suppliers and customers and the opportunity to conduct business face-to-face.*

### Can I ask questions in advance?



To make the lectures as good as possible, you can contribute by asking questions in advance through twitter by marking your message with #NSOCLC #(the number of the lecture).  
You can also keep updated by following our account @NSOCLC 2011



log on to facebook search for ktf or type  
<http://www.facebook.com/event.php?eid=176457342398157&index=1>

# PROGRAM

## Monday 11<sup>th</sup> April

**12:00 Rigging of stands/booths at Stavanger Forum**

**From 14:00 Check-in Rica Forum Stavanger Hotel**

**15:30 Surprise tour with bus from Stavanger Forum**

**20:00 Get together at Rica Forum Restaurant 21<sup>st</sup> floor**

## Tuesday 12<sup>th</sup> April

Morning session Chair:  
Svein Anders Eriksson, Discipline leader,  
Petroleum Safety Authority, NO

**08:00 Registration / Coffee / Crane Expo opens**

**09:30 Welcome to Stavanger City!  
Opening address by representative for the Municipality of Stavanger**  
Sissel Knutsen Hegdal, Chairman of Local Board for Culture and Sport, Stavanger Municipality

**09:40 (1) Opening Address**  
Øyvind Tuntland, Director professional competence, Petroleum Safety Authority, NO

### REGULATORY / SAFETY

**10:00 (2) OMHEC Update**  
Arnold V. de Groot, Inspector Operations, State Supervision of Mines (SSM), NL & Chairman of OMHEC

**10:15 (3) HSE focus**  
Iain Paterson, Health and Safety Executive HSE, UK

**10:35 Coffee Break / Crane Expo**

**11:05 (4) Perspectives**  
What could we learn from an incident with a snubbing unit, a 30 meter tubing blast out the well and dropped down on the platform  
Arnold V. de Groot, Inspector Operations, State Supervision of Mines (SSM), NL & Chairman of OMHEC

**11:25 (5) PSA focus,**  
Svein Anders Eriksson, Discipline leader, Petroleum Safety Authority, NO

**12:00 Lunch / Crane Expo**

Afternoon session Chair:  
Iain Paterson, Health and Safety Executive HSE, UK

### IMPROVEMENTS AND NEW TECHNOLOGY

**13:00 (6) Case Study – Use of real time crane simulator for presimulation and training for Tecnip Ekofisk HPS Installation**  
Speaker: Bård E. Bjørnsen, Ship Manoeuvring Simulator Centre AS and André Eilertsen, Technip, NO

**13:30 (7) Design, construction and operation of offshore cranes for the wind turbine installation market.**  
Speaker: Michiel Mol, Expert Engineers, GustoMSC, NL

**14:15 Coffee Break / Crane Expo**

**14:45 (8) Re-evaluation of DNV simplified formulae for crane tip motions**  
Speaker: Xiaoming Gu IKM Ocean Design AS

**15:30 (9) Improved safety in bulk operations offshore**  
Speaker: Jon Olav Kopperstad, Evotec AS, NO

**16:10 End of day one with closing remarks, questions and reflections**

**16:45 SOCIAL PROGRAM**  
Bus transport from Stavanger Forum to harbor. 1,5 – 2 hour boat trip with an aperitif, small tapas and some great surprises aboard in the fjords.

**Conference dinner with a spectacular Norwegian cultural programme in the Hall of Gloppe**  
Peter Mitchell will be the Master of ceremonies.  
<http://www.byrkjedalstunet.no>

**23:00 Bus back to night cap in Stavanger**

# PROGRAM

Wednesday 13<sup>th</sup> April

Morning session Chair:  
Stephen Werhle , Lloyds Register, UK

## HEAVY LIFTING

**08:30 (10) Heavy Lifting in 2,500 m water depth  
- Cascade & Chinook FSHR Installation**

Speaker: Henk de Boo van Uijen,  
Jumbo Offshore, NL

**09:00 (11) The design, construction and  
commissioning of a heavy lift offshore  
crane**

Speaker: Arjo van Putten, GustoMSC, NL

**09:30 (12) Flexible load handling solutions for  
multi purpose vessels**

Speaker: Tønnes Seierstad,  
National Oilwell Varco, NO

## OPERATIONAL MAINTENANCE & INSPECTION

**10:00 (13) New risk based bolt maintenance  
procedures – improved reliability/reduced  
life cost of offshore cranes**

Speaker: Rod Corbett, RotaBolt Ltd, UK

**10:30 Coffee Break / Crane Expo**

**11:00 (14) Special engineered bolts for critical  
joints in the lifting industry**

Speaker: Ragnar Sandve, Bolt Norge as, NO

**11:30 (15) Lifting and handling remote monitoring  
and diagnostic solutions**

Speaker: Aaron J. Spak, Technology  
Deployment, Impact-RLW Systems, Inc., US

**12:00 Lunch / Crane Expo**

**13:00 (16) A RFID inspection system  
The new Crosby QUIC - CHECK, inspection  
and identification system**

Speaker: Frédéric Crynen, Crosby Europe, UK

**13:45 (17) Temporary lifting facilities for the  
BP Magnus crane replacement**

- project life extension
- increased productivity
- greater reliability
- improved safety
- cost efficiency

Speaker: Gordon Mccombie/Sparrows group, UK

**14:30 Coffee break / Crane Expo**

Afternoon session Chair:  
John Morrison, Specialist Maintenance Services  
Enermech Ltd., UK

## PERSONNEL TRANSFER AND EVACUATION

**15:00 (18) MOB-Boat handling with offshore cranes  
– Combination of design parameter**

Speaker: Tor Raknestangen, National Oilwell  
Varco Norway AS, NO

**15:30 (19) Training & competence in crane transfer  
operations; The importance of being  
prepared!**

Speaker: David Brittan, Reflex Marine Ltd, UK

**16:00 (20) Lifting persons with carriers suspended  
from offshore cranes**

**Application of European commission  
guidance document**

Speaker: Gunnar Matre, DNV, NO

**16:30 (21) Lifting persons  
- Market control authority views**

Speaker: Linda Halvorsen, EU coordinator,  
Petroleum Safety Authority, NO

**17:15 End of day 2 with closing remarks,  
questions and reflections**

**18:30 Bus to reception**

**19:00 Reception given by the municipality of  
Stavanger in the Stavanger Maritime  
Museum**

Local beer tasting programme with small tapas  
and a historical polar speech/lecture.

# PROGRAM

Thursday 14<sup>th</sup> April

Morning session Chair:  
Arnold de Groot, Inspector Operations,  
State Supervision of Mines (SSM)  
& Chairman of OMHEC, NL

## WIRE ROPE

**08:30 (22) Innovative fatigue test methods for the evaluation of wire ropes service life and performance under heavy duty offshore applications**

Speaker: Author: Dr. Ronen Ashkenazi, M.R.E.  
Matron Rope & Wire Rope Engineering LTD, ISR

**09:15 (23) Non-destructive testing of large diameter steel wire ropes with Intros instruments**

Speaker: Dmitry Slesarev, INTRON PLUS, RU

**10:00 Coffee break / Crane Expo**

**10:15 (24) Case study on the application of rope installation, examination, maintenance and discard criteria for the offshore wind energy sector**

Speaker: Sara Fletcher, Bridon International Services, UK

**10:45 (25) Non - destructive magneto-inductive rope testing**

Speaker: Olivier Gronau, Rope Testing Centre-DMT GmbH & Co. KG, DE

**11:15 Keynote speaker by invitation : Mr. Roland Verreet**

He is the greatest present expert on the wire. He is originally Belgian, now living in Germany, but works worldwide and is a known speaker. His various businesses include

- CEO of Wire Rope Technology Aachen ([www.ropetechnology.com](http://www.ropetechnology.com))
- Past President of OIPEEC (International organization for the fatigue study of ropes)
- Roland works as a consultant to crane and rope manufacturers and users

**12:00 Lunch / Crane Expo**

Afternoon session Chair:  
Kevin Murdoch, Transocean, UK

## HUMAN FACTORS AND TRAINING

**13:00 (26) Innovations in training, risk mitigation through virtual simulation based on lessons learned from US military & aviation industries**

Speaker: Troy "Korn" Kehoe, Check 6, US

**13:45 (27) Competence-upgrading: Inspection and service of cranes and davits**

Speaker: Ian McCurdie, Hytek A/S, UK

**14:15 (28) Design and implementation of effective simulation-based training curriculum for offshore lift crew training.**

Speaker: Arnold Free, COO CMLabs / Vortex, Montreal, CA

**15:00 Closing / Adjourn**

Svein Anders Eriksson, Discipline leader, Petroleum Safety Authority, NO

**15:30 Bus to the airport**

*This program may be subject to change due to circumstances beyond the control of the organiser of this conference.*





## SOCIAL ARRANGEMENTS / SOCIAL PROGRAM



### Monday 11<sup>th</sup> April 2011

15:30 **Surprise tour** with bus from Stavanger Forum to Sørmarka Arena (10 min) for a drink and a very interesting activity.

20:00: **Get together** at Rica Forum Restaurant 21st floor



### Tuesday 12<sup>th</sup> April 2011

#### Conference dinner:

- Bus transport from Stavanger Forum to harbor. 1,5 – 2 hour boat trip with an aperitif, small tapas and some great surprises aboard in the fjords.
- Dinner with a spectacular Norwegian cultural programme in the Gloppehall.  
Peter Mitchell will be the Master of Ceremonies.  
<http://www.byrkjedalstunet.no>
- Bus back to night cap in Stavanger



### Wednesday 13<sup>th</sup> April 2011

**Reception** given by the municipality of Stavanger City The Stavanger Maritime Museum with a local beer tasting programme and a historical and polar speech/lecture.

<http://www.stavanger.museum.no/default.aspx?ChannelID=1119>

## GENERAL INFORMATION

**Conference no.:** 1120100

**Time:** 12<sup>th</sup> - 14<sup>th</sup> April 2011

**Place:** Stavanger Forum, Norway

#### Conference Committee:

- Mr. Svein Anders Eriksson,  
*Petroleum Safety Authority, NO*
- Mr. Kevin Murdoch, *Transocean, UK*
- Tor Inge Hystad, *DNV, NO*
- Mr. Arnold de Groot,  
*State Supervision of Mines, NL*
- Mr. Iain Paterson, *HSE, UK*
- Mr. John Morrison, *Enermech, UK*
- Mr. Steve Wehrle, *Lloyd's Register of Shipping, UK*
- Mr. Asgeir Knudsen,  
*Norwegian Society of Lifting Technology, NO*

#### Conference Fees:

- Participants: NOK 9.500,- excl. VAT
- Early reg.: NOK 8.900, - excl. VAT (15<sup>th</sup> March)
- Single day registration: NOK 4000,- excl. VAT
- Lecturers: NOK 4.900, - excl. VAT
- Co-authors: NOK 7.100, - excl. VAT
- Sponsorship: NOK 10.800,- excl. VAT
- Exhibitor: NOK 15.800, - excl. VAT (also includes admission to the conference for one person)
- Daytime packages includes lunch and refreshments NOK 550, - /day excl. VAT

#### In addition / Options:

Get together 11<sup>th</sup> April NOK 150, - excl. VAT

Surprise tour 11<sup>th</sup> April NOK 300, - excl. VAT

Conference dinner 12<sup>th</sup> April NOK 950, - excl. VAT

All fees are excl. VAT/applicable to all delegates.

Most European and U.S. organizations are able to reclaim VAT.

# GENERAL INFORMATION AND REGISTRATION

## Accommodation:

Rica Forum Hotel single occupancy bed and breakfast  
NOK 1 495,- per night.  
This is payable directly to the hotel upon departure.

## Payment:

The Registration fee, conference packages and selected options will be payable to NSLT.

Payment options:

1. By individual invoice. An individual invoice for the registration fees and selected options (excl accommodation costs) will be sent by mail, payable to NSLT. Due date is 28th March 2011. Please bring a copy of the remittance at the conference if payment is made after this.
2. By bank transfer. Bank details:  
Bank name: Sparebank 1 Ringerike  
Bank account: 2280 08 57418  
Swift/BIC: SPTRNO22  
IBAN NR.: NO7922800857418  
Ref code: 1120100 + Company and delegate name(s).
3. By on-site payment. If it is more convenient for you, bring the invoice with you to the check-in table at Stavanger Forum, there you will be able to pay with a credit card (VISA/Diners/Mastercard/AmEx). Remember to advise us if you select this payment option.

## Travelling to Stavanger

Participants traveling to the event can benefit from conference discounts made available by SAS.  
Use discount code NO110 when ordering through  
[www.sas.no](http://www.sas.no)

## Cancellation:

Cancellation must be made within three business days before the seminar start unless full fee must be paid. Cancellation fee is 20% of full registration fee after the registration deadline. Only written cancellation is accepted.

## Location / venue:

Stavanger Forum is one of Norway's few conference and exhibition centres, able to offer 25 meeting rooms. The Rica Forum Hotel, with 182 rooms, is part of the same complex as our conference centre, and we cooperate with all the hotels in the region.  
<http://www.stavanger-forum.no>

## Registration office:

The Norwegian Society of Lifting Technology, NSLT  
Ms. Anne Line Rosenlund  
P.O. Box 73, N-1325 Lysaker, Norway  
Phone: + 47 67 52 60 12  
Fax: + 47 67 52 60 11  
e-mail: [anne.line@tfsk.no](mailto:anne.line@tfsk.no)

## Conference manager:

Asgeir Knudsen  
[asgeir@tfsk.no](mailto:asgeir@tfsk.no)  
Mobile: +47 400 402 10

## REGISTRATION

Registration by: 28<sup>th</sup> March 2011  
Online registration: [www.ktf.no](http://www.ktf.no)

## 1120100 The 16<sup>th</sup> North Sea Offshore Cranes & Lifting Conference

(PLEASE USE CAPITAL LETTERS)

Name: ..... Company:.....

Address: .....

Postcode: .....Country: .....

E-mail:..... Telephone:.....

### PLEASE REGISTER ME FOR THE FOLLOWING OPTIONS:

Full-time conference

Register for one-day only  April 12<sup>th</sup>  April 13<sup>th</sup>  April 14<sup>th</sup>, NOK 4.000,-/day excl. VAT + daytime package

Surprise, Monday (NOK 300, - excl. VAT)  Get together, Monday (NOK 150, - excl. VAT)

Conference dinner, Tuesday (NOK 950, - excl. VAT)  Reception, Wednesday (free)

Bus to the airport, Thursday (free)

**HOTEL:**  Rica Forum Hotel (single occupancy bed and breakfast: NOK 1495, - /night)

arrival date ..... departure date.....

**PAYMENT:**  I prefer on-site payment with credit card, see general information (above).

Date: ..... Signature: .....

Returadresse:  
Tekniske Foreningers Servicekontor  
Postboks 73, No-1325 Lysaker



NORGE P.P. PORTO BETALT

## Registration by: March 28<sup>th</sup> 2011

Online registration: [www.ktf.no](http://www.ktf.no)  
Conference website: [www.liftingoffshore.com](http://www.liftingoffshore.com)



## Thank you for the support to:

**LIEBHERR**



STAVANGER KOMMUNE



Scandinavian Airlines

Norwegian Society of Lifting Technology  
has designated SAS as the Official Airline  
for the Event



Helli visuell kommunikasjon, [www.helli.no](http://www.helli.no)

## Exhibitors:



**LIEBHERR**



**inspecta**

**HAMPIDJAN BALTIC**

