Return to Offshore Cranes - the start of a new series

Agenda
09:00 Codes and Standards
09:40 Experience from the Marine Construction Contractor [1]
   10:20 COFFEE BREAK
10:40 Operators Experience [2]
11:20 Workshop: Current Issues & Challenges
12:00 Total Technology
   12:40 LUNCH
13:40 Suppliers Sessions
14:40 Workshop: Offshore Lifting Requirements
   15:20 COFFEE BREAK
15:40 Training, Simulators and Academia [1]
16:40 Workshop: Training and Future Forums
17:10 Training, Simulators and Academia [2]
   18:00 CLOSE
What happened?
Replacement of winch wire on large crane
2 crew holding wire wedge (15kg) in eye of rope, whilst another tightened the rope
Wedge fell – one person tried to stop its fall - crushing their hand against the deck

Causes identified:
• No proper holding point on wedge
• Workers gloves covered in grease from rope
• When wedge fell – one person attempted to stop its fall, but failed due to weight
• Operation not conducted in the safest or easiest of manner

What lessons were learnt?
Better technique would have been to rotate drum so eye was upwards, wedge could then be laid on the eye.
Started with focus on high value wire ropes for subsea operations - Assurance

• Defined Common Issues
  - Inspection and maintenance
  - Logistics Issues
  - System design
  - When to discard
  - Terminations
  - Data collection
  - Operations

What can IMCA do to help?
  • Encourage clear communication between manufacturers and operators
  • Help change mind set in industry
  • Promote cradle to grave knowledge of ropes
  • Widen discussion on system design for improving wire rope assurance
9th Seminar - “Return to Offshore Cranes”
- Start of new seminar series?
- Aim to define topics for future seminars

Why Offshore Cranes?
- Key enablers
- Reflect technology advances in
  - Operating modes
  - Control systems
  - Maintenance and assurance
  - Training & simulators
  - Remote operation
  - Skilled personnel requirements
  - Fibre rope integration
WORKSHOP – RULES OF ENGAGEMENT

• What are your aims from today?
• How can we best achieve them?
  − Open discussions encouraged
  − Workshops aim to capture and collate topics, approaches, methodologies, industry needs
• Good time keeping will be encouraged
  − Slide packages will be made available
  − Findings from workshops will be issued to attendees
  − Please complete the feedback form before leaving
• Who’s Who – Name and Company
Improving performance in the marine contracting industry