

# IUMI 2007



## SHIPYARD RISK ASSESSMENT

AN UPDATE

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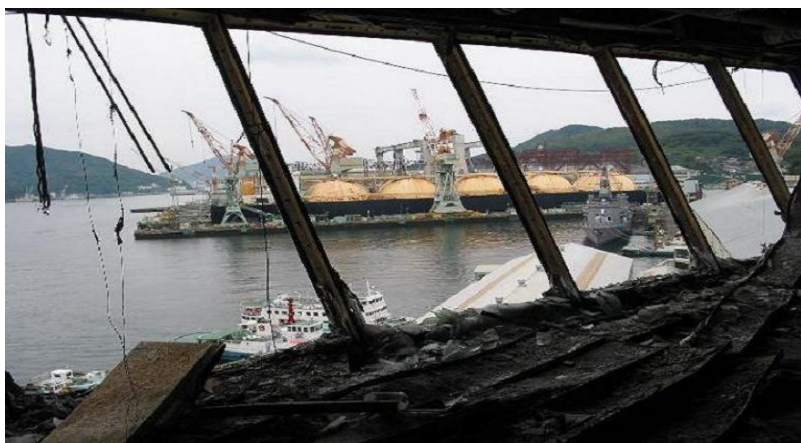


# Main Topics

- Managing subcontractor risk
- Evacuation of vessel
- Smoking in the yard
- Control of hot work
- Control of industrial gases
- Ordinary seamanship
- Development of the scope of the assessment
- What next?



# Diamond Princess



# Managing subcontractor risk



Training

Training

Training

Training

Training

Training

Training

More training



# Evacuation of the vessel

- Shipyards always over estimate their ability to evacuate.
- Have they ever tried?
- How many people are on the ship?



# Smoking in the yard



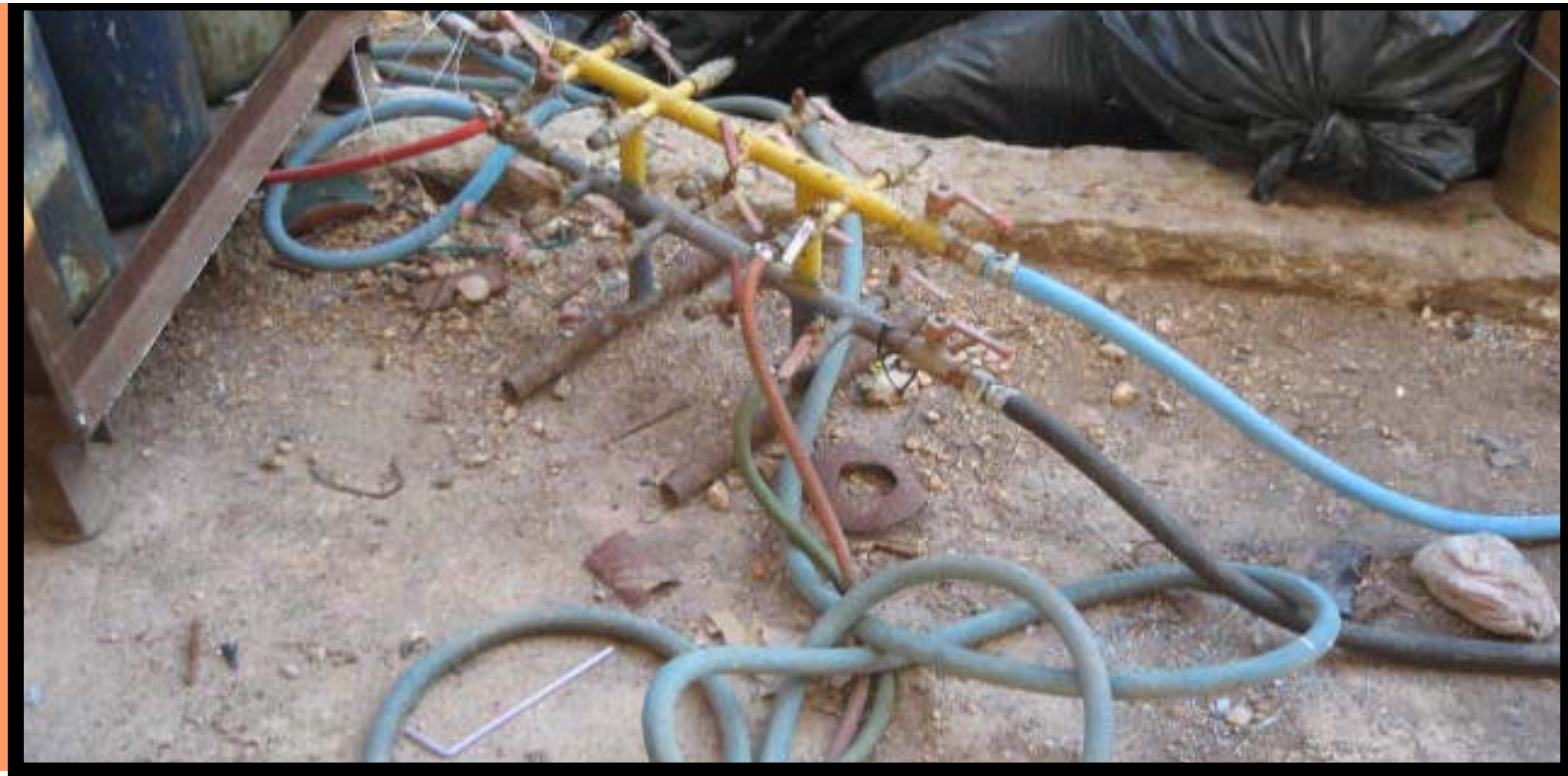


# Control of hot work



# Control of industrial gases

Very poor practice and very commonly found





# Easy solutions



# Ordinary seamanship



# Development of the scope

Conversion Project



In this shipyard?



# What Next?

## **JH 143 Annual Audit**

- Are the previous recommendations still observed?
- Has there been backsliding?
- Was the shipyard's commitment real or not?





# The things people say

**“It wasn’t one of our men smoking who started the fire it was a subcontractor.”**

**“The welder didn’t have permission to weld in that area, no one knew about it until the fire.”**

**“As far as we knew all the compartments were gas free, the explosion must have been an isolated gas pocket.”**

**“No, there wasn’t sufficient water pressure at the berth then, but we are now putting in new pumps.”**



# More statements

**“No, we hadn’t actually had an evacuation drill, but everyone knew what to do.”**

**“It is impossible to stop people from smoking! People here smoke all the time.”**

**“We spend a fortune on security as it is, isn’t that enough? Fires will always occur, but the security people should be able to report them quickly.”**

**“Shipyards are dangerous places and accidents occur, but that’s why we have insurance!”**



# A typical shipyard scene?

