



**Nautilus Rigging**

**Manufacturers  
of  
Nautilus Hooks™**



Presenter's Name : Bill Toon - Managing Director

Date : 26<sup>th</sup> November 2009

Venue : Aberdeen Airport Thistle Hotel

# Company Objectives

- To develop a new and safer type of general lifting hook which eliminates the common, and potentially serious, pinch and trap injuries that are associated with traditional latch lock style lifting hooks.
- Over 3 years of R&D we refined our initial concepts to produce the technologically advanced Nautilus Hooks™ design which fulfils our aims.
- UK and International Patents are pending for the design and operation of Nautilus Hooks™.



# 2009 Offshore Field Trials



## **Key Findings from our industry sponsored field trials included**

- **89%** agreed Nautilus Hooks will reduce pinch and trap injuries.
- **89%** found the sliding lock easier to operate than a latch lock.
- **84%** agreed Nautilus Hooks improve the level of safety during crane ops.
- **80%** of users preferred Nautilus Hooks to traditional “latch lock” hooks.
- “The handle gives full protection to my hand and gives me complete control of the hook at all times”
- “Nautilus Hooks are much easier and quicker to load and unload than latch lock hooks”
- “The Nautilus Hook feels light and is very easy to use”

# Unique (Patented) Safety Features



Offset pivot pin for default self locking and auto locking under load

High visibility fluorescent Yellow powder coat finish

Measuring nibs for simple, easy, onsite specification checks

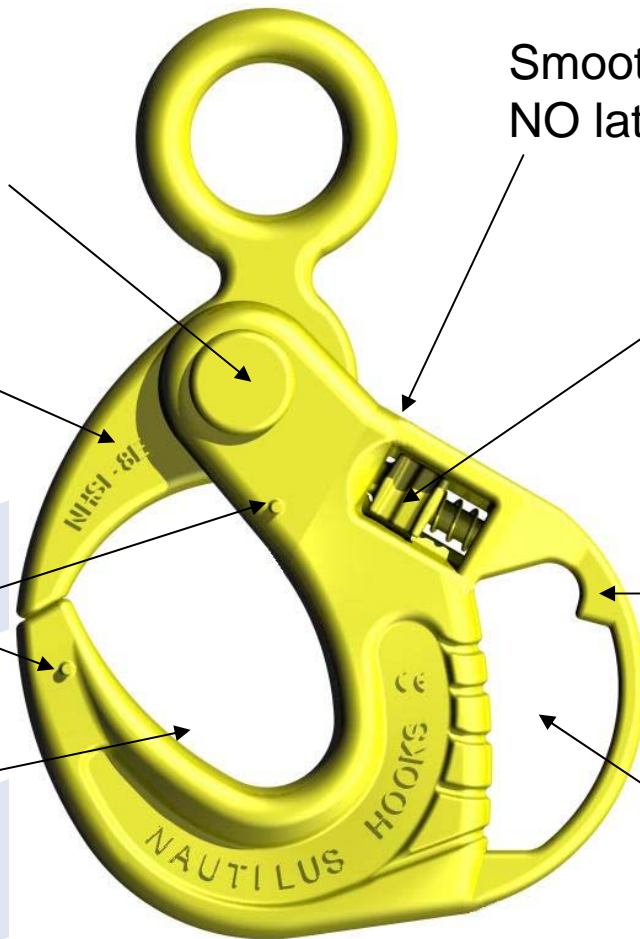
Unique internal profile for quick and easy unloading of hook

Smooth external profile with NO latch protrusions

Recessed and protected dual sided locking slide with corrosion resistant 316 Stainless Steel spring

Unique Safety handle and finger grip

Unobstructed Handle Space



# Quality Assurance



- **ALL** Nautilus Hooks™ are individually proof tested (2xWLL) prior to shipment
- Nautilus Hooks™ are CE certified to EU Standard EN1677-3:2000+A1:2008
- Minimum Breaking Load is 4 x WLL (Actual is 5.5+)
- Nautilus Hooks™ are marked with a coded Year/Week of manufacture for simple product traceability.
- Corrosion resistant Marine Grade 316 Stainless Steel lock spring.
- DNV type approval in progress.
- ALL Nautilus Hooks™ are supplied with manufacturers EU Declaration of Conformity which includes the factory proof test certificate.

# HSE – PUWER 98 Regulations state

An employer providing lifting equipment for use in the workplace **MUST** ensure that the risks created by the use of the equipment are eliminated, or controlled where possible, by providing the appropriate hardware measures.



**We make to Hook**



**You Make the choice**