

Tanker Operator Athens 2003

Lefteris Karaminas
Marine Business Manager
Lloyd's Register

Tuesday 21st October 2003

The pivotal role of class

Overview

- Transparency
- Information dissemination
- Current technical issues
 - Phase-out of single-hull tankers
 - Condition Assessment Scheme (CAS)
 - Longitudinal strength re-assessment
 - Permanent means of access (PMA)
- Concluding remarks

The pivotal role of class

Transparency

- Class – not transparent enough?
- *Erika*: EU Directive on Recognised Organisations
- IACS web site
- Lloyd's Register's transparency
 - Port state control performance
 - Through-life transparency
 - ClassDirect Live
 - Notification to owners of technical issues

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Information dissemination - examples

- ClassDirect Live
- The publication of *Classification News*
- Technical alerts
- Letters to owners explaining the new regulations
- 'Future IMO legislation' documents
- Briefings of IMO's main committee sessions
- *Horizons*
- Locally: Awareness seminars to owners; Informative CD-ROMs; News Feeds



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Phase-out of single-hull tankers post-*Prestige*

- Accelerated phase-out table
- Heavy grades banned in single hull tankers above 600 dwt*
- CAS for all single hull tankers above 15 years
- Ice strengthening in the Baltic
- Limited effect, but will IMO adopt EU proposals



* transitional period for tankers between 600 and 5,000 dwt until 2008

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Condition Assessment Scheme

- Strict planning regime (8 months before survey)
- More TMs and close-up survey
- No Condition of Class allowed
- Re-assessment of longitudinal strength
- Positive reporting
- Statement of compliance

Condition Assessment Scheme

- CAS and Enhanced Survey Programme (ESP) harmonised
- Extensions of close-up surveys and TMs
- Third and subsequent surveys: close-ups required on
 - All web frame rings in one cargo wing tank
 - A minimum of 30% of all web frame rings in each remaining cargo wing tank
 - A minimum of 30% of deck and bottom transverses in each cargo centre tank

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CAP and CAS

CAS	CAP
Statutory (SOLAS)	Part of vetting (oil majors)
Compliance	Rating (1-4)
Hull structures	Hull structures, incl. fatigue
	Machinery

CAS and CAP are not the same – different roles to play!

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Longitudinal strength re-assessment

- *Post-Nakhodka* initiative
- Re-assessment of longitudinal strength
- Tankers above 130 metres in length and above
- As from first special survey after 10 years of age

Permanent Means of Access - background

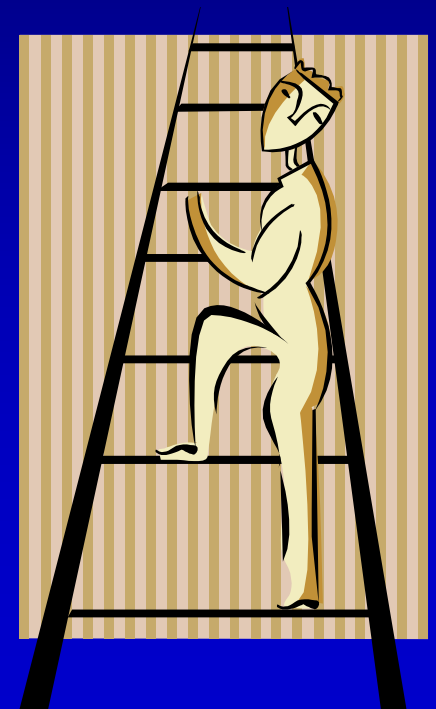
- The Bahamas post-*Erika* submission to IMO recommended that :

“...the design philosophy for every ship should include a provision for lifetime maintenance and, in particular, means to ensure that surveyors can have suitable access to all parts of the structure of the ship.”

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Permanent Means of Access - regulation

- New SOLAS Regulation II-1/3-6 covering access to spaces in the cargo area of oil tankers (**500GT and over**) and bulk carriers (**20,000GT and over**).
- Applicable to a **new oil tankers and bulk carriers constructed on or after 1 January 2005**.



Permanent Means of Access - principles

- Permanent means of access for each space within cargo area
- Provide for overall and close-up inspections and thickness measurements of the ship's structure by the Administration, the company and the ship's personnel and others as necessary
- Safe access to cargo holds, cargo tanks, ballast tanks and other spaces
- Ship structure access manual - to include all the ship's means of access
- Technical Provisions outline details of dimensions and arrangements of permanent means of access for tankers

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Permanent means of access

- A clear, unified interpretation required
- Lloyd's Register working within IACS and industry
- Interpretations at an advanced stage - should be put forward to MSC78



Ladder Carrier

The pivotal role of class

Building better business

A photograph of a large ship's hull, likely a tanker, at sunset. The sky is filled with orange and yellow clouds, and the water is calm. In the background, there are silhouettes of industrial buildings and a long pier. The text "Working together to improve business performance" is overlaid in white on the right side of the image.

**Working together to improve
business performance**