Regulatory Update

Fishing Vessel Safety Regulations

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Current Status

- Consultation draft (with associated guidelines) of the proposed *Fishing Vessel Safety Regulations* was distributed Spring 2009
- Drafting instructions are presented and legal drafting is underway
- Remarks :
  - Performance-based, with the use of guidelines
  - Includes design and construction standards, equipment and operations of fishing vessels
  - Stability provisions are still under review (refinement of stability triggers and second level risk factors). Therefore they are not part of the package

Use of Guidelines

- Package includes both regulatory requirements and guidelines
- Taken together, requirement and guidelines constitute the regulatory regime

Guidelines :

- Indicates a recommended approach for achieving the required performance objective
- Other means may be used to achieve the same performance objective as long as they provide an equal level of safety, strength, etc.
- If a vessel is built following the guidelines it will satisfy the regulatory requirements

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Use of Guidelines (continued)

Guidance on the application of guidelines to existing vessels:

- Letter S.C. (safety critical), up to 12 months to comply
- Letter R&P (reasonable and practical), up to 36 months to comply, exempted if 5-year safe operating record
- No letter, should not apply to existing vessel

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Cost/Benefit Analysis

- *Cabinet Directive on Streamlining Regulations* requires a cost/benefit analysis of the regulatory proposal.
- Being performed by Government Consulting Services (a division of Public Works and Government Services Canada)
- Based on previous risk analysis performed by BMT Fleet Management

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Cost/Benefit Analysis (continued)
Reducing the Impact

The impact of the regulations must be mitigated by focusing on the vessels (and operations) that present highest risk :

- Review of construction and equipment requirements, including phase-in and reasonable and practicable approach to existing vessels
- Review of stability risk factors and development of procedures for identifying populations of traditional vessels operating in very low risk environment

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Stability

Ongoing Institute for Ocean Technology study to identify vessels of traditional build not at risk.

- Requirements established upon risk factors
- Applies to new and existing vessels
- The owner has the choice between different methods depending on vessel Length Over All (LOA)
- Conformity deadlines for existing vessels

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Stability Evaluation Options

- Traditional vessel of low risk
- Simplified stability
- Full stability

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Simplified Stability Criterias

- Determine minimum freeboard depending on type of vessel
- Determine maximum load considering the height and angle of flooding
- Determine GM with a roll test
- Determine the transverse inclining moment with a lifting test

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Second Level Risk Factors Evaluation

Criteria for second level risk factors evaluation are in development

The scope of the project includes:

- Impact reducing options
- Second criteria
- Process for objective evaluation of the impact on vessels or