



# **Eliminating Dropped Objects: A Class Society Perspective**

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24 August 2015

# A Mission Driven Organization

## Our Mission

*The mission of ABS is to serve the public interest as well as the needs of our members and clients by promoting the security of life and property and preserving the natural environment.*

**Mission**  
& **Vision**

## Our Vision

*To be the global leader in marine classification & other innovative Safety, Quality & Environment services focused on the marine, energy & government sectors by promoting and investing in technologies that support the development and application of industry standards and best practices.*

# What is Classification?

- A stakeholder in the network of maritime safety
- Classification societies establish and apply technical standards in relation to the design, construction and survey of marine related facilities including ships and offshore structures
- Classification addresses the life cycle of a ship or offshore unit from design to decommissioning



# Safety Drives US



driven  
achieving goals  
continuous improvement

# ABS Worldwide Network



afghanistan **houston** vietnam albania united states american samoa  
united kingdom andorra united arab emirates angola ukraine anguilla  
turkey thailand antarctica **london** taiwan antigua and barbuda sweden  
argentina sri lanka armenia spain aruba **shanghai** south africa  
australia austria russian federation azerbaijan romania bangladesh qatar  
venezuela belgium portugal brazil poland cameroon philippines  
**singapore** canada peru chile panama china oman colombia norway  
croatia nigeria cyprus new zealand czech republic netherlands denmark  
namibia ecuador mozambique egypt mexico finland malta france malaysia  
germany lithuania ghana republic of korea greece kingdom of saudi arabia  
guam kingdom of bahrain india kazakhstan indonesia japan italy israel

# Technology Centers

singapore innovation & research center

harsh environment technology center

brazil innovation & research center

china offshore technology center

korea energy technology center

propulsion technology center

houston

technology organization



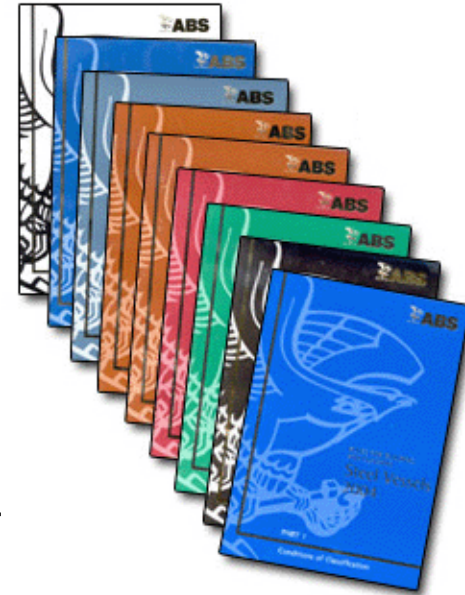
# ABS Technical Publications

- **Rules**

- Requirements for classification and issuance of certificates and notations

- **Guides**

- New classification requirements recently introduced – effectively, preliminary Rules; requirements for op notations; requirements under frequent revision

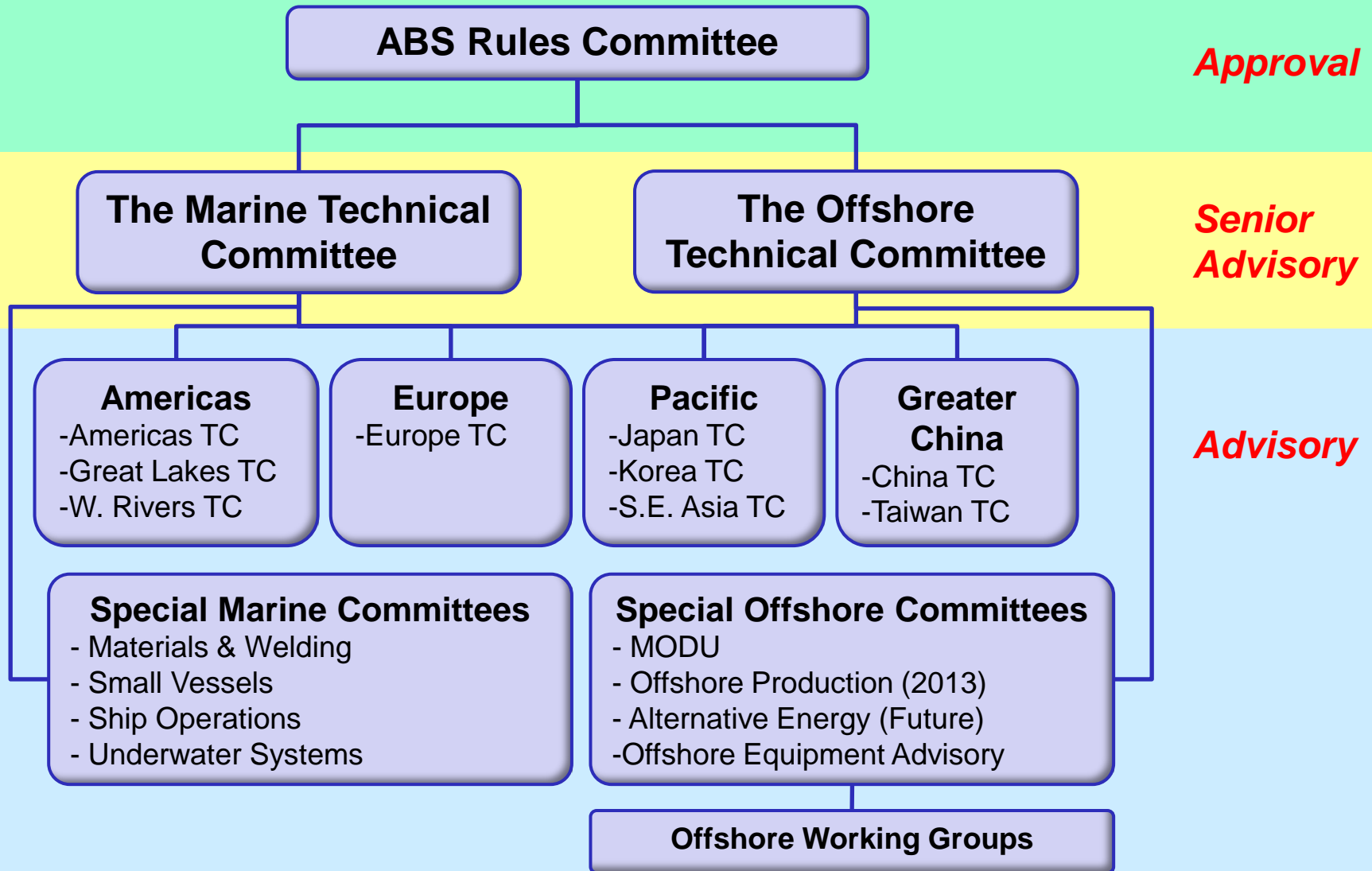


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- **Guidance Notes**

- Non-binding guidance. Industry best practices and information in support of sound judgment of the user

# The Establishment of ABS Rules





# ABS' Commitment to Safety

**Safety**

**Personnel  
Security**

**Asset  
Integrity**

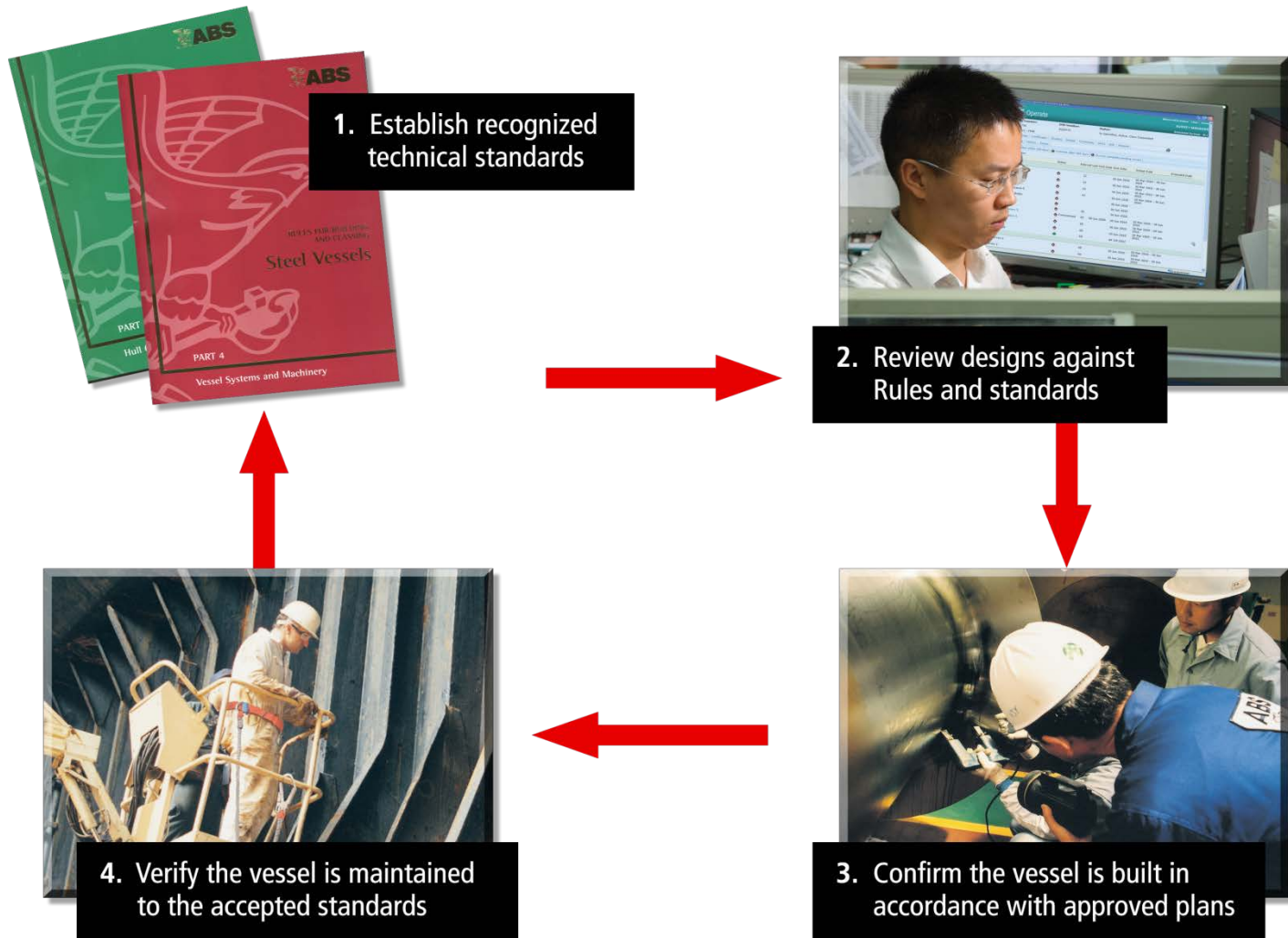
**Environmental  
Protection**

- **Structure**
- **Stability**
- **Mooring**
- **Marine Systems**
- **Production Systems**
- **Load Bearing Items**
- **Pressure Vessels**
- **Electrical Systems**

# Dropped Object Project Objective

- Improve dropped object performance of equipment installed at height and equipment placed at height intermittently
- Develop technical requirements covering the equipment life cycle (design, fabrication, transportation, installation, commissioning, operation, maintenance and de-commissioning)
- Supplement with a drops maintenance program on board for personnel and asset protection
- Publish a technical resource guide developed with Industry
- Incorporate optional class designations demonstrating compliance with the developed process.

# Integrated Closed Loop Process



# ABS Advantage

- Independent third-party...  
“Honest Broker”
- Optional Notations for Maritime  
and Offshore Energy Assets
  - Demonstrate due diligence
  - Exceed basic class  
requirements
  - Differentiates the value of the  
unit’s unique feature





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