Fully Integrated Subchapter M Services

Providing Solutions as a Trusted Advisor
ABS offers a comprehensive portfolio of fully integrated solutions and services needed to help operators achieve and maintain compliance with Subchapter M regulations.

Value Proposition

• US Coast Guard Subchapter M regulations now in place
• Approximately 6000 affected vessels
• Vessels must comply with most requirements as early as 20 July 2018
ABS National Network of Experience

ABS EXPERIENCE SERVING THE INLAND FLEET

NEARLY 1,300 CLASSED TOWBOATS & TUGS

MORE THAN 3,100 CLASSED BARGES

OVER 200 SURVEYORS & AUDITORS IN THE UNITED STATES

30 OFFICES ACROSS THE US

18 OFFICES ALONG THE US GULF & INLAND WATERWAYS

TOWING VESSEL CENTER OF EXCELLENCE IN PADUCAH, KY SPECIALIZING IN SUBCHAPTER M COMPLIANCE

NEW

NS WORKBOAT TAILORED FLEET MANAGEMENT FOR INLAND INDUSTRY

INDUSTRY LEADING HUMAN FACTORS & ERGONOMIC SERVICES TO AID COMPLIANCE

OVER 10,000 REVIEWS PER YEAR ON BEHALF OF USCG
Subchapter M Current Landscape

- Final Release July 20\textsuperscript{th}, 2016
- AWO auditing agreement Oct 2016
- New vessels with keel laid after July 20\textsuperscript{th}, 2017 are required to comply with all requirements to obtain USCG COI
- Existing Vessels need to comply with most requirements by July 20\textsuperscript{th}, 2018
- COI implementation begins July 20\textsuperscript{th}, 2018 for existing vessels
Compliance Solutions

TSMS

Audit
- SMS Development
- SMS Auditing

SMS Implementation
- SMS Continuous Improvement

Survey
- Plan Review
- Survey After Construction
- New Construction Surveys

6 CFR Subchapter M Compliance Services
# Compliance Solutions

## ISM Audit
- ISM Manual Review
  - Initial – One Time
- ISM DOC Audit
  - Annually
- ISM SMC (Vessel) Audit
  - Two (2) Times in 5 Years

## RCP/TSMS Audit
- RCP/TSMS Review and Approval
  - Initial – One Time
- RCP/TSMS Company Audit
  - Two (2) Times in 5 Years
- RCP/TSMS Vessel Audit
  - Once in 5 years

## TPO Surveys
- Annual/Drydock/Internal Structure Exam (ISE) – Surveys
- Survey Scheduling and Planning Tools
- Plan Review for Major Modifications and New Construction
- Stability and Damage Assessment
- Training
- Design Optimization
- Safety Studies/Programs
TSMS – Audit (ISM)

**Implementation and Certification**
- Implement approved SMS minimum of 90 days
- Complete internal audits (company and minimum one vessel)
- Complete company audit (first)
- Issue DOC
- Complete vessel audit(s)
- Issue SMC

**Base Line**
- Gap Analysis – complete
- Determine management system structure (DOC) options

**SMS Development & Approval**
- Update current manual corrected for ISM
- Submit for approval

**Sustain Program/Drive Improvements**
- DOC Audit (annual)
- SMC Audit (twice in 5 years)
- Policy and process changes (continual improvement)
TSMS – Audit (RCP)

Implementation and Certification
- Implement approved SMS
- Complete internal audits
- Complete company audits as required by program

Base Line
- Review existing program
  - Gap analysis

SMS Development & Approval
- Update current manual
- Submit for approval

Sustain Program/Drive Improvements
- Complete vessel and office audits as required by program
- Policy and Process changes (continual improvement)
Plan Review
- Project initiation with Shipyard
- Submit plans for review
- Plan approval – Project kick off at yard

Construction Process
- Engineering comments closed
- Monitor construction
- Testing/commissioning
- Outfitting
- Sea trial

Delivery
- Issue Statement of Compliance (Subchapter M)
- Issue Certificate of Inspection (U.S. Coast Guard)

Verification
(Survey after construction)
- Surveys after construction – verify compliance

TSMS – Survey
Initial Survey
- Conduct initial vessel survey

COI
- Vessel issued COI (U. S. Coast Guard)

Reports
- Issue survey report for objective evidence

SURVEY (EXISTING VESSEL)

Maintenance and Renewal
- Annual vessel surveys
- Drydock and Internal Structure Examinations
- Damage/repair surveys

TSMS – Survey (Existing Vessel)
ABS Engineering - New Construction

Unparalleled Experience & Expertise

History with U.S. Coast Guard

Best Single Resource

U.S. Coast Guard Approved Plan Review

ABS ENGINEERING

Combination & Consultation Services
ABS Type Approval Program

**Product Design Assessment (PDA)**

ABS Engineers verify product compliance with manufacturer's specifications, applicable ABS Rules and national or international standards including Subchapter M.

**Manufacturer Assessment (MA)**

ABS Surveyors confirm that the manufacturing facility follows quality process and is capable of manufacturing the product consistently in accordance with the PDA

- Provides Original Equipment Manufactures (OEMs) Subchapter M product certification process
- OEM's can differentiate their products as SubM compliant
ABS Reach and Support

OFFICES ACROSS US

30 OFFICES ACROSS US

Fully Integrated TPO

ABS HQ
Houston, TX

200+
Qualifed Surveyors & Auditors

Towing Service Center
Paducah, KY

18 OFFICES
Along US Gulf & Inland Waterways
Thank You

www.eagle.org

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