

TITLE 14, CALIFORNIA CODE OF REGULATIONS
 SUBDIVISION 4. OFFICE OF SPILL PREVENTION AND RESPONSE
 CHAPTER 4. VESSEL REQUIREMENTS
 SUBCHAPTER 1. TANK VESSEL ESCORT REGULATIONS
 FOR THE SAN FRANCISCO BAY REGION
 SECTIONS 851.1 through 851.10.1

Amended April 20, 2006

851.1 Effective Date of this Subchapter

No Change.

Authority: Sections 8670.17.2(a), and 8670.23.1(d), Government Code.

Reference: Sections 8670.17.2(b), 8670.23.1 (d), (e)(1) and (h) Government Code.

851.2 Purpose and Scope

No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Sections 8670.17.2(b) and 8670.23.1(e)(1), Government Code.

851.3 Definitions

No Change.

Authority: Sections 8670.3, 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Sections 8670.3 and 8670.17.2(a), Government Code.

851.4 Applicability

No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Section 8670.23.1(e)(1), Government Code, ~~and~~
~~33 USC 2002(b) and 2007, and 33 CFR 157.03(kk).~~

851.5 Escort Zone Requirements

No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Section 8670.17.2(a), Government Code

851.5.1 Escort Plans

No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Sections 8670.17.2(b) and 8670.23.1(e)(1), Government Code

851.6 Clearing House Responsibilities.
No Change.

Authority: Sections 8670.17.1, 8670.17.2(a) and 8670.23.1(d), Government Code.
Reference: Sections 8670.17.1 and 8670.23.1(e)(1), Government Code

851.7 Communication and Reporting Requirements Before, During and After an Escorted Transit

No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.
Reference: Section 8670.23.1(e)(1), Government Code.

851.8 Requirements for Escort Tugs; Braking Force Measurement, Crew and Training Standards, Equipment and Stationing Criteria.

Subsection (a): No Change.

(b) Braking force measurement:

- (1) any escort tug used to comply with the requirements of this subchapter must have its braking force verified and registered with the Clearing House, as follows;
 - (A) for tractor tugs escorting in an ahead position the braking force is measured as the ahead bollard pull;
 - (B) for tractor tugs escorting in an astern position the braking force is measured as the astern bollard pull;
 - (C) for conventional tugs the braking force is measured as the astern bollard pull.
- (2) The braking force shall be re-measured after any modifications and/or repairs to the main engines, hull, shaft-drive line, or steering, that could affect the bollard pull. ~~the braking force of each escort tug must be re-measured at least once every 3 years from the date of the initial measurement, or sooner if the operating capability or braking force of the tug has been degraded by 10% or more.~~ The new measurements must be verified and registered with the Clearing House.
- (3) The Clearing House shall publish procedures and standards to be followed when conducting braking force measurement. These procedures, entitled ASan Francisco Bay Region Clearing House, Rules for Bollard Pull Tests@, dated May 19, 2000, are incorporated by reference. These procedures and standards shall be made available upon request to the Clearing House.
- (4) Any escort tug used to comply with the requirements of this subchapter shall also meet one of the following:
 - (A) the escort tug shall have its braking force re-measured within 3 years of its last

bollard pull test, or;

(B) the escort tug shall submit to an Escort Tug Inspection Program, as follows:

1. Escort tugs over 150 gross tons and classed escort tugs shall be made available for inspection by the Administrator twice in five years during their dry dock examination. The period between inspections shall not exceed three years.
2. Escort tug maintenance records shall be made available for inspection by the Administrator.
3. If dry dock examination extensions are necessary, escort tugs shall comply with the direction of the cognizant Officer in Charge of Marine Inspection, or American Bureau of Shipping principal surveyors' direction.
4. A copy of the Class Surveyor's report confirming that the condition of the drive train (shafts, propellers, nozzles or other type drive) and main engines are in the same state as when the builder's or last bollard pull certificate was issued, shall be forwarded to the Administrator.
5. Escort tug companies shall participate and have a certificate of compliance from one of the following Management Systems:
 - i. American Waterways Operators Responsible Carrier Program;
 - ii. International Safety Management;
 - iii. ISO 9000 (quality management).
6. Escort tugs of less than 150 gross tons shall be made available for inspection by the Administrator once in five years during their dry dock examination. These escort tugs shall use a certified Marine Surveyor and shall comply with subsections 2, 3, and 4, above.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Section 8670.23.1(e)(1), Government Code, ~~and 46 CFR Sections 173.090, 173.095 and 174.145.~~

851.9 Tanker and Tug Matching Criteria, and Tanker Crew and Equipment Requirements
No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Section 8670.23.1(e)(1), Government Code

851.9.1 Barge and Tug Matching Criteria, and Barge Crew and Equipment Requirements
No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Section 8670.23.1(e)(1), Government Code

851.10 Penalties
No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Section 8670.23.1(e)(1) and ~~Article 9~~, Sections 8670.57 through 8670.69.6, Government Code.

851.10.1 Requests for Redetermination
No Change.

Authority: Sections 8670.17.2(a) and 8670.23.1(d), Government Code.

Reference: Section 8670.23.1(e)(1) and ~~Article 9~~, Sections 8670.57 through 8670.69.6, Government Code.