

Inspection Schedules

1. Inspection for Certification (T&K vessels)

a. How often: 1 year or 5 years

Valid for 1 year for vessels carrying more than 12 passengers on international voyages, 5 years for all others. (T- 46 CFR 176.107/ K 46 CFR 115.107).

b. Form required:

CG 3752 “Application for Inspection of U.S. Vessels” (T- 46 CFR 176.105/ K- 46 CFR 115.105) for initial and subsequent renewals.

c. Who and when to call:

Contact the Officer In Charge of Marine Inspections (OCMI) through your local CG office. To renew a Certificate of Inspection (COI), CFR says submit a written application (CG 3752) to the OCMI at least 30 days prior to the expiration of your current COI, we say call versus writing for renewals (T 46 CFR 176.404/ K 46 CFR 115.404).

- i. Connecticut- 203-468-4597
- ii. Long Island- 631-732-0797

d. Scope of inspection:

COI: All structures, hull, installation materials, emergency egress, sanitary conditions, fire hazards and protection, certificates, life saving, stability, machinery and watertight bulkheads (T- 46 CFR 176.402/ K- 46 CFR 115.402).

Tests of machinery, electrical systems, lifesaving equipment, fire protection, steering systems, and misc. systems (46 CFR 176 and 46 CFR 115 Subpart H “Material Inspections” for T and K respectively).

Any additional test deemed necessary and reasonable (T-46 CFR 176.840/ K- 46 CFR 115.840).

2. Inspection for Certification (H vessels)

a. How often:

Annual inspections for COI exams 46 CFR 71.01-10

b. Form required:

CG-3752 46 CFR 71.20-5, 71.25-5 at least 30 days before current COI expires.

c. Who and when to call

- i. Connecticut- 203-468-4597
- ii. Long Island- 631-732-0797

d. Scope of inspection:

Scope of initial inspection 46 CFR 71.20-15: a series of inspections during construction, hull inspection, internal structural exam, machinery, unfired pressure vessels, boilers, electrical installations, life saving appliances, fire prevention and protection, pollution prevention, navigation equipment, and certificates.

Scope of annual inspection 46 CFR 71.25-10: inspection of the structure, boilers, and other pressure vessels, machinery and equipment.

Inspector not limited from making tests or inspections deemed necessary 46 CFR 71.30-10

3. Annual Inspections (T&K vessels)

a. When required:

Annual inspections can be done within a 6 month time frame up to 3 months before or 3 months after the anniversary date on the COI, no written request required just call your local office a few weeks in advance to schedule (T- 46 CFR 176.500/ K- 46 CFR 115.500).

b. Scope of inspections:

Annual : Same as the COI but less detail unless marine inspector finds deficiencies (T- 46 CFR 176.500/ K 46 CFR 115.500).

- i. Discretion of Marine Inspector
- ii. Annual Inspections

Annual exams will be conducted every year and may or may not include drills. The attending inspector will decide if drills will be conducted.

c. Whom and when to call

- i. Connecticut- 203-468-4597
- ii. Long Island- 631-732-0797

4. Quarterly Inspections (H vessels)

a. When required:

At least 3 reinspections at equal intervals (quarterly exams) each year 46 CFR 71.30.

b. Scope of inspections;

Scope of quarterly exams 46 CFR 71.30-5: inspection of accessible parts of the hull, machinery, and equipment, the same as the annual but less detail unless a major change has occurred.

- i. Discretion of Marine Inspector
- ii. Underway vs. At the pier

c. Whom and when to call

- i. Connecticut- 203-468-4597
- ii. Long Island- 631-732-0797

5. Drydock Examinations and Internal Structural Examinations (T&K vessels)

a. When required:

- i. Saltwater service- Every 2 years
- ii. Freshwater service- Every 5 years

Drydock Exams- vessels exposed to salt water more than 3 months in a 12 month period must be inspected every 2 years; vessels exposed to salt water not more than 3 months in a 12 month period must be inspected once every 5 years.

In addition any time there is damage to the hull plating or structural members the OCMI may require a drydock (T-46 CFR 176.600/ K 46 CFR 115.600).

b. Scope of inspection:

Drydock exams include inspection of all through hull fittings, propellers, shafts, bearings, rudders, sea chests, sea valves, sea strainers, and internal structures (T- 46 CFR 176.610/ K 46 CFR 115.610).

The marine inspector may require any part or all of the propeller to be drawn for examination (T- 46 CFR 176.670/ K 115.670).

Inspection of the hull and its appurtenances including: watertight bulkheads, weather decks, closures, superstructure, railings, ventilation and drainage (T-46 CFR 176.802/ K-46 CFR 115.802).

c. Whom and when to call:

- i. Connecticut- 203-468-4597
- ii. Long Island- 631-732-0797

6. Drydock Examinations and Internal Structural Examinations (H vessels)

a. When required

Drydock and Internal Structural Exams 46 CFR 71.50-3

i. Saltwater service: salt water vessels and wooden hull vessels- 2 exams within 5 years no more than 3 years in between exams
salt water vessel over 20 years- every 18 months

ii. Freshwater service: fresh water at least 6 out of 12 months- every 5 years

b. Scope of inspection

c. Whom and when to call

- i. Connecticut- 203-468-4597
- ii. Long Island- 631-732-0797

7. Extra Requirements for Wooden Vessels

a. Fastener inspections: See NVIC 7-95

i. Saltwater service: Random sampling of fastenings beginning at the 10th year of age and every 5th year thereafter if originally built to subchapter T, if not the random samplings should begin at the 5th year of age and every 5 years thereafter. .

ii. Freshwater service: Random sampling of fastenings beginning at the 20th year of age and every 10th year thereafter if originally built to subchapter T, if not the random samplings should begin at the 10th year of age and every 10 years thereafter.

b. Which fasteners to pull

i. Generally:

A minimum of 8 fasteners per side below the waterline concentrating on the garboard seams, stem joints, plank ends in areas of bent planks, shaft log(s), and under engine beds where vibrations is maximum (NVIC 7-95 pg 4-12).

ii. Discretion of Marine Inspector

8. Inspection of Repairs and Modifications

a. When to notify us:

Repairs or alterations to the hull, machinery, or equipment must not be made without approval from the OCMI, except in emergency which notice to OCMI shall be made as

soon as practical. This includes all repairs or replacements to the deck, hull, or structural members as well as all damage repairs and replacements, other than in kind, to electrical systems, fuel systems, steering, propulsion, power supply systems, alterations to stability, or alterations to life saving, fire fighting or extinguishing equipment (T-46 CFR 176.700/ K- 46 CFR 115.700).

b. Plans required:

Owner is responsible for submitting plans to the OCMI through the local inspection office. These plans should be a drawing, sketch, or written specifications describing the details of the alteration. The plan must be approved before work begins (T- 46 CFR 176.700 (b)/ K- 46 CFR 115.700 (b)). Not required for repairs or replacements in kind.

c. Tests required:

Inspection and test may be required whenever a repair or replacement is made to the vessel (T-46 CFR 176.700 (d)/ K 46 CFR 115.700 (d)). New installation tests will be required for survival crafts, fixed gas fire extinguishing systems, machinery, fuel tanks, or pressure vessels (T- 46 CFR 176.702/ K-46 CFR 115.702).

9. Penalties for Non-compliance

a. Removal of Certificate:

The COI may be suspended and withdrawn or revoked by the OCMI at any time for noncompliance (T-46 CFR 176.107/ K-46 CFR 115.107).

b. Fines:

See 33 CFR 27 for civil monetary penalties. Example Oil/Hazardous substance discharge: per violation \$ 32,500 max. Ex: Violation of list/count of passengers \$110. Ex: Manning of inspected vessels \$11,000 max. Ex: Log books \$220.

c. Suspension and Revocation:

An individual holding a license, certificate or registry, or merchant mariner's document who commits an act of misconduct, negligence, or incompetence, or who violates or fails to comply with this subchapter or any other law or regulation intending to promote marine safety is subject to 46 U.S.C 7703 and 46 CFR Part 5. See 46 CFR Table 10.201(h) for an idea of minimum and maximum suspension timelines ranging from 1 to 20 years.