

**Fire Extinguishing Systems**  
**What to submit to the Marine Safety Center (MSC)**  
**Subchapter T**  
**Per 46 Code of Federal Regulations 181.115**

Notes:

- 1) **Deadline for compliance** : Existing vessels with a hull, or a machinery space boundary bulkhead or deck, composed of wood or fiber reinforced plastic ( frp), or sheathed on the interior in frp, must comply with the requirements of 46 CFR 181.400 **ON OR BEFORE MARCH 11, 1999** per 46 CFR 181.115 (b).
- 2) If you have chosen to install a **Pre-engineered system** in accordance with 46 CFR 181.400(b)(2), you do not need to submit the information to the MSC. Your local Marine Safety Office (MSO) will do the necessary inspection.
- 3) The local MSO **may** review a custom engineered system if you provide the unit with a type approved manual and the MSO agrees to perform the review. If this route is chosen provide all information to the MSO and DO NOT submit anything to the MSC.
- 4) If you commission a Professional Engineer (PE) to certify the plans as being compliant with the necessary regulations per NVIC 10-92, the MSC will perform an expedited review.

**The following checklist is a summary of items necessary for approval, for clarification and to ensure compliance refer to 46 CFR 181.410.**

When submitting the Fixed Gas Fire Extinguishing System to the MSC please include the following:

- \_\_\_ 1. **A cover letter** with:
  - a. Your name, phone number, return address.
  - b. The vessel's name, VIN, length and operating subchapter (i.e. "T").
  - c. The local Coast Guard Marine Safety Office which will perform the inspection.
  - d. The dates when modifications are to commence and to be completed.
- \_\_\_ 2. **A listing of materials from the Coast Guard type-approved system** . Include product description and identification/serial numbers. The listing of materials will be cross-checked against a type approved manual at the MSC.
- \_\_\_ 3. **A drawing of the fixed gas fire extinguishing system** that will be installed; including placement with respect to the protected space.
- \_\_\_ 4. **Calculations** used to determine the necessary amount of extinguishing agent and sizing of pipes and nozzles.
- \_\_\_ 5. **A representation of the protected space.** Include all dimensions to confirm volume of space.
- \_\_\_ 6. All information shall be sent in **triplicate**. Plans shall be folded/NOT rolled.

Send the above information to:

Attn: Engineering Division  
Marine Safety Center  
400 Seventh Street SW  
Washington, D.C. 20590