

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

