



Transport Canada      Transports Canada

## FISHING VESSEL MODIFICATION HISTORY

Vessel stability changes as the vessel or its equipment is modified. Use this form to keep track of vessel modifications that add, delete or relocate more than 100 kg (220 pounds) and record changes in operations, such as area fished and type and method of fishery. Keep the form up to date and store it with the vessel's Certificate of Registry for review during inspections and as a personal record of modifications for future reference. If the vessel is sold, the completed *Modification History* should be given to the new owner.

## **Completing and Using the Fishing Vessel Modification History**

As changes are made, complete the form with details, to the best of your knowledge, of:

- additions or changes (other than routine maintenance) to lifting equipment and fishing gear;
- changes in the fishing method, the type of fish caught or the way the catch is stowed; and
- modifications to vessel structure, equipment or gear that add, delete or result in relocation of more than 100 Kg (200 pounds) in weight.

Add the date of the modification and initial the line. At the time of inspection, if no modifications have taken place, put "no modifications", the date and your initials on the next available line.

### **Talk to a marine consultant about the effect on your vessel's stability:**

- **before making alterations** that add significant amounts of topside weight, remembering that the higher the weight is placed the greater the effect. Weight added below the deck generally improves the vessel's ability to right itself, but reduces freeboard and may decrease the vessel's range of stability;
- **when the total weight of all modifications becomes significant.** A change of 2% of displacement can be used as a guideline for "significant", however the location of the weight must also be considered. Weight added that is higher than the vessel's centre of gravity has a greater negative effect on stability. Removing weight below deck can also adversely affect stability.

### **Important Considerations**

If you have a stability booklet and don't know how to use it, the recommended action is to take a course on fishing vessel stability.

At a minimum have the booklet explained to you. (The marine consultant that prepared the booklet would be the best person to do this.)

**Establish procedures** for the conditions listed below in the section Minimizing Stability Risk, **explain them to your crew and ensure that they are followed.** A trained and informed crew will reduce the chance that stability is impaired unintentionally.

For more information, consult the Stability page on the Transport Canada website or the nearest Transport Canada Centre.