



## Fishing Vessel Record of Modifications Affecting Stability

Vessel stability changes as the vessel or its equipment is modified. Use this form to keep track of vessel modifications that affect the stability of the vessel (i.e. a modification or series of modifications which add, remove or relocate more than 100 kg (220 pounds)) and to record changes in operations, such as type and method of fishery. Section 3.12 of the *Fishing Vessel Safety Regulations (FVSR)* requires the authorized representative of a fishing vessel to keep a record of any modifications or series of modifications that affects the stability of vessel. Keep the record of modification up to date and store it with the vessel's Certificate of Registry or stability assessment for review during inspections. Section 3.17(2) of the *FVSR* requires fishing vessels that have undergone a stability assessment to keep a record of a modification or series of modifications until the vessel undergoes a new stability assessment. Section 3.17(3) of the *FVSR* requires that if the vessel is sold, the completed *Record of Modifications Affecting Stability* must be given to the new owner.

Vessel name (include former name/s)		Official number	Year built	Port of registry
Gross tonnage	Vessel hull length	Vessel breadth		Vessel depth
Owner(s)		Address		
Type of fisheries	Does the vessel have a stability assessment? <sup>1</sup> <input type="radio"/> Yes <input type="radio"/> No		Vessel originally designed for: (Type and method of fishery)	
<b>Modification Categories</b> HU = Hull                      HO = House                      EL = Electronics                      FT = F/O, F/W Tanks HH = Holds/Hatches        EN = Engine                      BM = Boom/Mast                      DE = Deck Equipment GE = Gear (nets, traps, etc.)    GF = Fixed Gear (winches, drums, A-frames)    FC = Fishery Change                      OT = Other				

Category	Description, including location	Weight added (or removed)	Date of modification (dd-mm-yyyy)	Photo or <sup>2</sup> drawing Y/N	Owner initials

<sup>1</sup> If a stability assessment has been conducted, it must be up to date and accurately reflect the vessels configuration and activities.

<sup>2</sup> Please attach a photo or drawing before and after the modification. The photo should be digitally dated.

## Completing and Using the Fishing Vessel Record of Modifications Affecting Stability

The new *Fishing Vessel Safety Regulations* (FVSR) came into force on July 13, 2017. The authorized representative of a fishing vessel is required to keep a record of any modification or series of modifications that affects the stability of the vessel. See section 3.12 and 3.17(2) of the FVSR for more information. This form can also be used for large fishing vessels.

**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, remove or result in relocation of more than 100 Kg (220 pounds) in weight that adversely affects the stability of the vessel. Smaller weights must also be recorded if the stability of the vessel is affected.

Add the date of the modification and initial the line - include any photos or drawings of the modification, if practicable. 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 competent person<sup>1</sup> 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.

**Considerations** If you have a stability booklet or record of stability 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 information explained to you. (The competent person<sup>1</sup> that prepared the booklet or record of stability would be the best person to do this.)

**Note:** As of July 13, 2017, a fishing vessel constructed on any date that has a hull length of more than 9 m must successfully undergo a stability assessment by a competent person<sup>1</sup>, if it has undergone a major modification<sup>2</sup> or a change in activity that is likely to adversely affect its stability after July 13, 2017.

For more information, consult the Stability page or the *TP 15392E Guidelines for Fishing Vessel Major Modifications or a Change in Activity* on the Transport Canada website or the nearest Transport Canada Centre.

<sup>1</sup> See sections 3.51, 3.52 Fishing Vessel Safety Regulations for further information regarding competent persons.

<sup>2</sup> **Major modifications** means a modification or repair, or a series of modifications or repairs, that substantially changes the capacity or size of a fishing vessel or the nature of a system on board a fishing vessel, that affects its watertight integrity or its stability.