



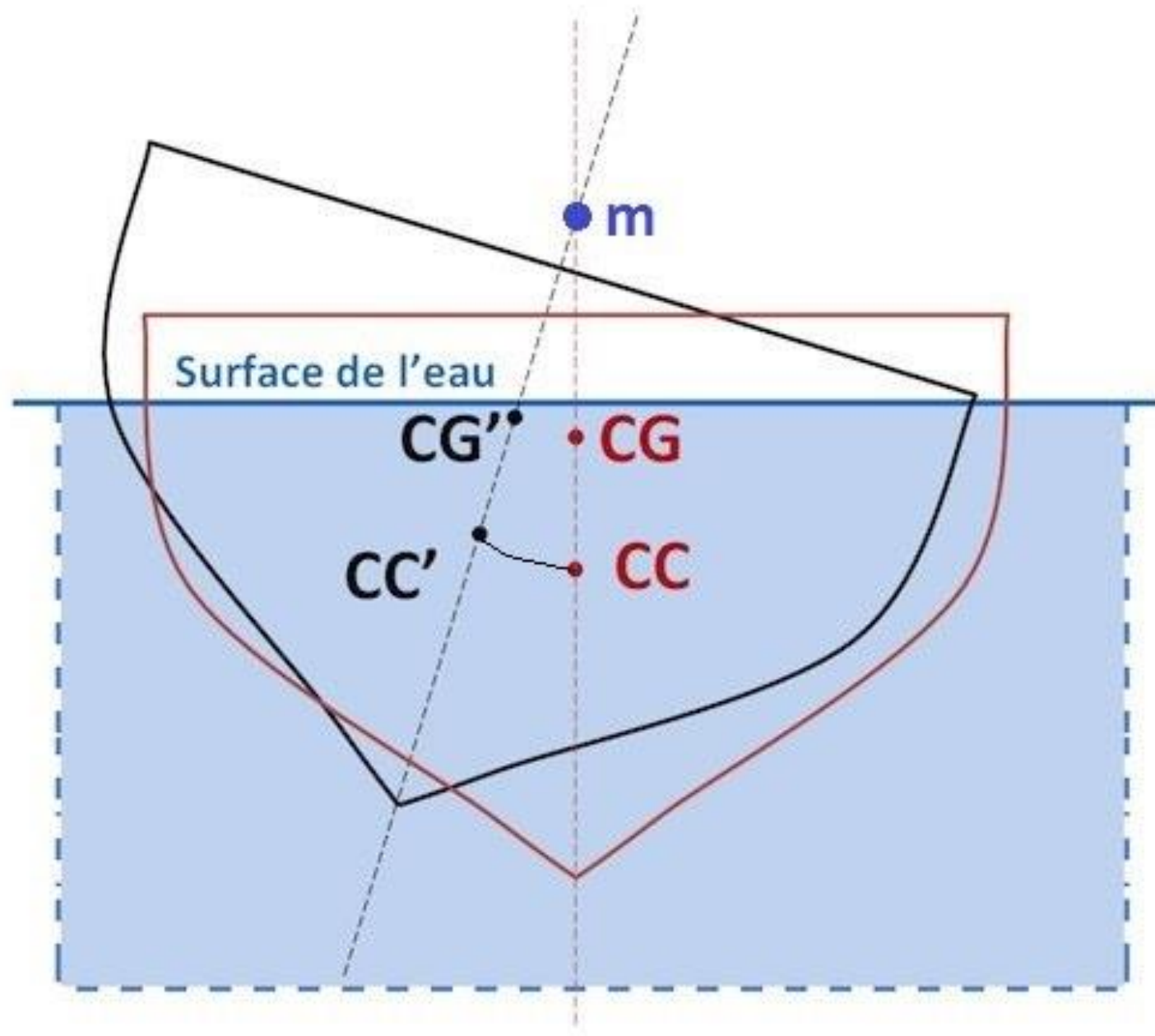
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# Fishing Vessel Safety Regulations

## Stability

Robert Fecteau  
Marine Safety



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Adequate Stability:

Simplified Stability:

Full Stability:

## Definitions

- Stability and buoyancy are satisfactory unless an inspector determines that a stability assessment is required
- Stability conforms to recommended practices and standards (TP 14619 in development by TC)
- Assessment by inclining experiment and data complying with IS Code



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**NEW Vessels**  
(built after July 2018)

Hull length  
not more than 6 m  
(19'-8'')

**Stability data required? Yes**

- Stability conforms to the Construction Standards for Small Vessels TP 1332



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**NEW Vessels**  
(built after July 2018)

Hull length  
more than 6 m  
(19'-8'')  
and  
not more than 9 m  
(29'-6'')

**Stability data required? Yes**

- Stability conforms to recommended practices and standards



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**NEW Vessels**  
(built after July 2018)

Hull length  
more than **9 m**  
(29'-6'')  
and  
not more than **24.4 m**  
(80'-0'')

## Stability data required? **Yes**

- Full stability assessment if:
  - More than 18 m (59')
  - Fitted with anti-roll tank
  - Fitted with water fish holds (some cases)
  - Carry fish in bulk (free surface effect) in certain cases
- Simplified stability assessment in other cases



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Any **EXISTING** Vessel  
(built before July 2017)

Hull length  
more than **0 m**  
and  
not more **24.4 m**  
(80'-0'')

## Stability data required? **No**

- Shall have an adequate stability and buoyancy (no assessment required)

*Stability and buoyancy are satisfactory unless a Marine Safety Inspector (MSI) determines that a stability assessment is required because the vessel encounters risk factors*

However,

- Shall undergo a full or simplified stability assessment if... (see next slides)



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## **EXISTING Vessels** (built before July 2017)

Hull length  
more than **9 m**  
(29'-6'')  
and  
not more than **24.4 m**  
(80'-0'')

## **Stability data required? Yes**

### ➤ Full stability assessment if:

- Decked vessel with gross tonnage of more than 15 used for catching herring or capelin (note 1)
- Fitted with anti-roll tank
- Fitted with water fish holds (note 1)
- Carry fish in bulk (note 1)

### **Note 1**

*In this case, depending on how the fish is carried, the simplified stability assessment could be used*



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**Any fishing Vessel  
(NEW or EXISTING)**

Hull length  
more than **9 m**  
(29'-6'')  
and  
not more than **24.4 m**  
(80'-0'')

## Stability data required? **Yes**

Full or simplified stability assessment if:

- The vessel has undergone a **major modification** or a **change in activity** that could affect its stability





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## Major Modification

### Definition

A modification or repair, or a series of modifications and 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



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Extension:  
Adding a fixed deck  
extension

Is a stability assessment  
required?

Gross tonnage:  
**14 tons**

Length:  
**12 meters**

Year built:  
**2004**



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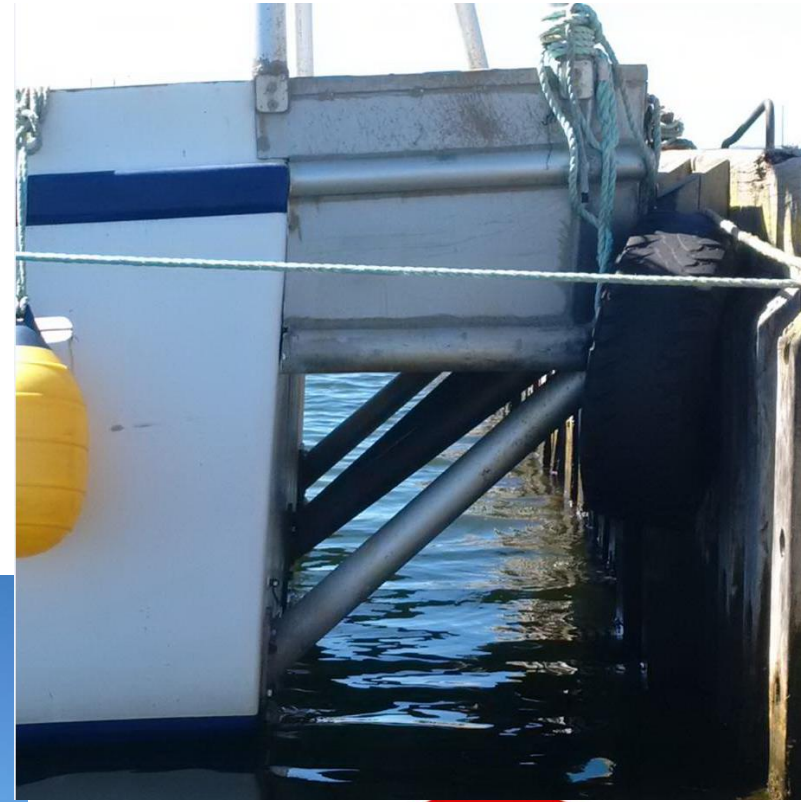
Extension:  
Adding a removable deck  
extension

Is a stability assessment  
required?

Gross tonnage:  
**12 tons**

Length:  
**10 meters**

Year built:  
**2014**



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Gross tonnage:  
**13 tons**

Length:  
**13 meters**

Year built:  
**2000**



Replacement of  
paravane stabilizer  
with hinged fins stabilizers

Is a stability assessment  
required?



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## Wheelhouse replacement

Is a stability assessment  
required?

Gross tonnage:  
**12 tonnes**

Length:  
**11 mètres**

Year built:  
**1993**



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Adding a bulbous bow

Is a stability assessment  
is required?

Gross tonnage:  
**114 tons**

Length:  
**18 meters**

Year built:  
**1988**



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Change in fishing activity

Is a stability assessment  
required?

Gross tonnage:  
**14 tons**

Length:  
**12 meters**

Year built:  
**2017**



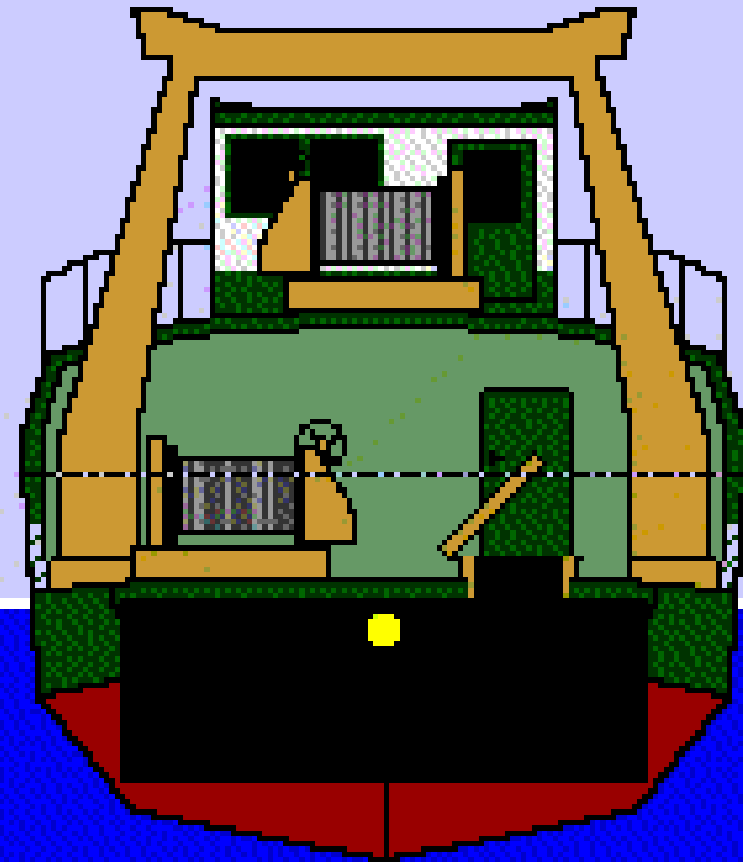




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# Downflooding



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# Thanks

Robert Fecteau  
Manager  
Marine Safety

[robert.fecteau@tc.gc.ca](mailto:robert.fecteau@tc.gc.ca)

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