

Fishing Vessel Stability Declaration by Master or Authorized Representative

As required by Transport Canada the Master or Authorized Representative of the Vessel must describe how the vessel being assessed will be loaded.

Our standard stability booklet contains one or two different modes of fishing. Additional modes of fishing can be added at an additional cost.

The cost of a standard stability booklet produced by EYE Marine is **\$6000.00**, plus travel expenses incurred during the inclining experiment and HST. This cost includes the following items:

- Performing the inclining experiment
- Analyzing the inclining experiment
- Developing the 3D model of the hull and tanks and compartments from a supplied lines plan
- Calculating the effect of ice accretion for winter fisheries
- Development of a stability booklet for up to two fisheries (additional fisheries can be added at a cost of **\$1000.00 per fishery**)
- Supply of one bound copy of the stability booklet
- Supply of one digital copy of the stability booklet
- Supply of a laminated Stability Notice for the vessel that is to be posted in the wheelhouse.

The stability booklet is based on an inclining experiment that is performed by two people on site. Travel time is calculated at a rate of **\$100/hr** per person for travel, plus **\$00.51/km** or rental car fees. If weather conditions or boat preparation are not adequate for the successful completion of the inclining experiment this may entail additional travel costs or standby costs while waiting for conditions to approve. Food, hotel and load cell fee expenses are charged at cost.

Before the incline experiment, the following should be prepared for EYE on site:

- Support crew to help with experiment
- Crane booked
- Incline Weights (4 groups of weights, with some extra weight if heel correction is required.)
- Small boat to take draft mark readings with pilot
- All tanks on the vessel should either be empty, pressed full, or filled partway, but not *almost full* or *almost empty*, as this is less accurate. With the exception of live wells tanks, which should preferably be empty.

Typically, the preparation of a stability booklet takes **approximately 4-8 weeks** from the time the inclining is performed. No additional structural calculations for wheelhouse loading and lifting are included in the stability book. Should Transport Canada require a preliminary condition to be prepared for sea trials or commencement of fishing a simple condition showing the adequacy of stability in limited conditions can be prepared. This can usually be prepared within **5 days** of the inclining experiment and will cost an additional **\$700.00** to prepare and submit.

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Please fill out the table below as completely as possible. Include a sketch if necessary to clarify locations. If there are any questions, please contact EYE Marine for assistance. In some cases, we are not able to have the vessel pass maximum loading conditions, in this case a lower limit that meets all of the criteria will be identified. Additional loading options can be calculated at additional cost.

	Fishery #1	Fishery #2	Fishery #3 (extra)	Fishery #4 (extra)
Type of fishery				
Is this a winter fishery?				
Fishing District?				
Life raft capacity				
Number of Crew, limit given on certificate.				
Dumping Day:				
Weight and dimensions of traps				
Maximum number of traps carried				
Number and location of traps on deck				
Number and location of traps carried below deck				
Number and location of traps carried elsewhere				

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	Fishery #1	Fishery #2	Fishery #3 (extra)	Fishery #4 (extra)
Bait carried during dumping day & storage location				
Other than Dumping Day:				
Maximum number of traps carried				
Number and location of traps stored				
Bait carried other than dumping day & storage location				
Are live-wells full during move?				
Fishing gear (Only fill in for applicable fisheries) :				
Number of buoys, weight, and location				
Number of trawl anchors or stones				
Weight per trawl Anchor or stones				

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	Fishery #1	Fishery #2	Fishery #3 (extra)	Fishery #4 (extra)
Location of trawl anchors or stones				
Number of trawl lines				
Weight or size Trawl lines				
Location of Trawl Lines				
FWD. Roller Weight & height				
AFT. Roller Weight & height				
Shaker Weight & Height				
A-Frame Weight & Height				
Winches Weight & Height				
Additional equipment required for fishery, not onboard during Incline experiment. Provide weight, description, and location of each item & when is it onboard.				

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	Fishery #1	Fishery #2	Fishery #3 (extra)	Fishery #4 (extra)
Max. number of crates aboard at one time				
Crates location				
Crates Weight				
Total bait weight				
Bait location				
Ice quantity & Location				
Catch (Only fill in for applicable fisheries) :				
Max. catch weight				
Do you use all live-wells to store catch				
Max. catch weight stored in fish-hold				
Other catch storage locations and weight				
Are penboards or tubs used?				

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	Fishery #1	Fishery #2	Fishery #3 (extra)	Fishery #4 (extra)
How much bait is left over & location				
Liftings:				
Crane Loading weights, if applicable				
Wheelhouse boom length				
Boom Diameter				
Boom Lifting side (Port or STBD., or both)				
Max. Boom Lifting Weight				
Max. loading weight for STBD. pot hauler				

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By signing below, you attest that all the information provided in the form above is accurate and not subject to change within the timeframe required to complete the stability book stated in the above paragraph.

Owner/Master signature: _____

Owner/Master name (please print): _____

Owner/Master email address: _____

Owner/Master Phone number: _____

Date of signature: _____

Client (Invoiced to): _____

Client email address: _____

Client Phone number: _____