

Fishing Vessel Stability Information and Client Confirmation

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 **\$7500.00**, 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
- Developing a stability booklet for up to two fisheries (additional fisheries can be added at a cost of **\$1200.00 per fishery**)
- Supplying one bound copy of the stability booklet
- Supplying one digital copy of the stability booklet
- Supplying 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 **\$95/hr** per person for travel, plus **\$00.58/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. Cancellations made without 24 hours notice may also incur extra costs. Meals are charged at **\$65 per day per person**, and hotel expenses are charged **at cost**. Lifting cranes that do not pass in all conditions at maximum rated load and reach may incur extra fees to calculate allowable parameters.

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

- Support crew to help with experiment
- Crane booked for moving weights, if applicable
- Incline Weights (4 groups of weights, with some extra weight if heel or trim 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. The exception is live wells, which should preferably be empty. A method of accurately determining the level of fluid in all tanks is needed, preferably sounding tubes.

Typically, the preparation of a stability booklet takes **approximately 6-12 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 **\$840.00** to prepare and submit.

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In summary, our stability cost is as follows:

- \$7,500 for Incline experiment, Stability book and Stability notice (print and digital)
- \$95/hr travel time plus expenses, as described in the text above
- \$840 for quick check for sea trials, prepared within 5 days following the inclining (if needed)
- \$1,200 for each additional fishery (in excess of the two included fisheries, if needed)
- \$120/hr for any additional work outside of the regular scope; ie. additional lifting conditions, calculations for a crane that doesn't pass stability at max rating and reach, additional options for correcting a loading condition that doesn't pass, supporting calculations for flush hatch MTRB, etc. (if needed)

Client (for invoicing) signature:

Client name (please print):

Client email address:

Client Phone number:

Date of signature:
