

Alternative Compliance and Safety Agreement
for H & G Trawl & Longline Vessels

B. Vessel Stability

Analysis: All existing fishing vessel stability requirements for a load line are met and are exceeded by the requirement for 5 year renewals. The essence of a load line is established by the installation of draft and limiting draft marks (based upon the Stability Report) and the tabulation of all subdivision and watertight integrity data in a Stability Report Addendum. This provides on board documentation of baseline features requiring a Naval Architect's attention for alteration or additions.

1. Each vessel will have on board current Stability Instructions complying with 46 CFR 28.530 based upon the following:

- a) Upon entering the ACSA program, the vessel will have an inclining experiment less than five (5) years old.
- b) At each five (5) year anniversary of the inclining experiment, a new inclining experiment and up-to-date Stability Instructions will be required, unless the validity of existing data and Stability Instructions can be verified by deadweight survey and inspections in compliance with 46 CFR 28.501(c) and (d).
- c) Stability Instructions will identify the location of a maximum draft mark to be located at the vessels mid-length.

2. An addendum to the above Stability Instruction shall be prepared no later than June 1, 2007. An addendum to the Stability Instructions will include:

- a) A list of all watertight bulkheads in the hull structure including size and type of watertight closures in each.
- b) A tabulation of all weather-tight closures: doors, hatches, scuttles, chutes, tank vents, and ventilation devices main deck or above. Each will be identified by type, size and location annotated to identify any automatic closure devices and operating stations. Coaming and vent heights will be provided. Alternately this information may be presented on deck plans and elevations as applicable.
- c) Tabulation of hull valves including location, size, type and remote operators, if any, for:
 1. Hull freeboard
 2. Underwater body
- d) Factory Sump Pump Calculations: Factory deck sump pump calculations defining required capacity on each side of the vessel equal to twice the total inflow to the factory. If no sump pumps are used (e.g. freeing ports and / or scuppers only), this shall be identified in stability addendum, and information shall be provided as to the number and

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size of the freeing ports or drain lines. Vessels with unique arrangements that provide an equivalent level of safety and meet the intent of this requirement may apply for a waiver.

- e) Any changes, alterations or additions made to any of the items listed in the stability addendum must be approved through the naval architect who issued the stability instructions in paragraph (1) of this section and must be brought to the attention of the local Officer in Charge Marine Inspection (OCMI).

3. Record Keeping: Copies of Stability Instructions and Inclining/Deadweight Survey will be submitted to local OCMI.