HEEL TEST (OFFSET LOAD) MEASUREMENT REPORT

**Basic Data:**

|  |  |  |  |
| --- | --- | --- | --- |
| Vessel's Name: |  | Year of Build |  |
| Reg. (RSS) No.: |  | Fishing No.: |  |
| Date of test: |  | Fishing method: |  |
| Weather conditions: |  | Water conditions: |  |
| Name of person conducting the test |  | Signature of person conducting the test: |  |
| If conducted at MCA inspection, name of surveyor |  | Signature of Surveyor |  |
| Breadth: |  m | Depth | m |
| Registered Length | m | Length Overall | m |

**Condition of vessel:**

**The Test shall be carried out under the following condition:**

Departure for fishing grounds

|  |  |  |  |
| --- | --- | --- | --- |
| Fuel oil  | Full – Amount: …… | Provisions -  | Full – Amount………….. |
| Water  | Full – Amount: ……… | Fishing gear stowed - All gear on board | Where stowed?  |
| Ice on board | Full - amount: ……….. | Spare warps etc – All on board | Where stowed? |

Details of Fishing Gear and other loose equipment:

**Minimum Freeboards: To be measured with vessel trimmed upright (may require movement of loose gear or tank contents**

|  |  |
| --- | --- |
| Port | Starboard |
|  m |  m |

Stage 1

A weight equivalent to one third of 25 x LOA x B (kgs) [[1]](#footnote-1)should be distributed along one side of the vessel,

where:

LOA and B, in metres, *Length overall and beam*

Stage 2

A weight equivalent to two thirds of 25 x LOA x B (kgs) should be distributed along one side of the vessel,

Stage 3

A weight equivalent to 25 x LOA x B (kgs) should be distributed along one side of the vessel

|  |  |  |  |
| --- | --- | --- | --- |
|  | Stage 1 | Stage 2 | Stage 3 |
| Angle of heel |  |  |  |
| Freeboard |  |  |  |

**The stability is deemed satisfactory when the angle of heel in Stage3 does not exceed 15° and the freeboard to the deck is not less than 75 mm at any point.**

**If the vessel does not pass the Stage 3 Test, you must consult the MCA who will consider the results of the Stage 1 and 2 Tests.**

1. For example 25 x 6.99 x 1.5 = 262.125kg. One third of 262.125 kg is 87.375kg [↑](#footnote-ref-1)