# Addendum #2 to Grain Stability Calculation Form

**TO BE COMPLETED WHEN A VESSEL, CARRYING GRAIN IN BULK AND ENGAGED ON A VOYAGE ON THE INLAND OR COASTAL WATERS OF THE UNITED STATES, ELECTS AND IS ENTITLED TO UTILIZE THE PROVISIONS OF 46 CFR 172.030.**

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<th>2</th>
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<tbody>
<tr>
<td>SLACK HOLD #</td>
<td>L</td>
<td>L</td>
<td>COLUMN # 2 DIVided BY</td>
<td>COLUMN # 1 PLUS COLUMN # 3</td>
<td>B</td>
<td>B³</td>
<td>COLUMN # 4 x 0.0661</td>
<td>S.F.</td>
<td>COLUMN # 7 DIVided BY COLUMN # 8</td>
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<td>SUM OF COLUMN 9</td>
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**KEY**
- **L** = LENGTH OF HOLD
- **B** = BREADTH OF GRAIN SURFACE
- **C.L.** = CENTERLINE DIVISION
- **S.F.** = STOWAGE FACTOR

**NOTES**
1. ALL DIMENSIONS MUST BE IN METERS (M), METRIC TONS (MT), AND M³/MT OR, ALTERNATIVELY, IN FEET (FT), LONG TONS (LT), AND FT³/LT.
2. WHERE A C.L. DIVISION HALVES THE BREADTH, COLUMNS # 2 AND # 3 ADJUST THE CALCULATION FOR THIS REDUCTION.

### Departure From:

- **DISPLACEMENT** = 
- **GM** = 
- **MEAN DRAFT** = 
- **FREEBOARD** = 
- **BEAM** = 

**r = FREEBOARD BEAM**

**r = 1.00**

**REQUIRED GM = SUM x F DISPLACEMENT**

** REQUIRED GM =**

**MEAN DRAFT =**

**FREEBOARD =**

**BEAM =**

**F = 0.268 DIVIDED BY r**

**F = 1**

**AVAILABLE GM =**

### Arrival At:

- **DISPLACEMENT** = 
- **GM** = 
- **MEAN DRAFT** = 
- **FREEBOARD** = 
- **BEAM** = 

**r = FREEBOARD BEAM**

**r = 1.00**

**REQUIRED GM = SUM x F DISPLACEMENT**

** REQUIRED GM =**

**MEAN DRAFT =**

**FREEBOARD =**

**BEAM =**

**F = 0.268 DIVIDED BY r**

**F = 1**

**AVAILABLE GM =**

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**MASTER**

**EXAMINED:**

**N.C.B. SURVEYOR**