|  |  |  |  |
| --- | --- | --- | --- |
| Brought over | | Ft.  lθ8 | In.  9 |
|  | 'frame ιq « - | 17 | 7τ |
| frame 23 - | 14 | IO |
| frame 27 | to | I I |
| frame 31 | 5 | I I |
| t frame 35 is 1 foot ιι⅛ inches—half | 0 | 1\*4 |
|  |  | ty9 | σ |
|  |  | to | I Γ |
|  |  | i735 | 9 |
| Area of that part abaft frame 35 | | 9 | 9 |
|  | rudder and poſt | *5* | 0 |
|  |  | *'15°* | 6  2 |
| Area of the 4th water line from dead flat aft 3 jθi | | | 0 |
|  | *Fifth or Lower IVat er Line abaft Dead Flat.* | |  |
|  |  | Ft. | in. |
|  | Γ frame dead flat is 17 feet 2 inches—half 8 | | 7 |
|  | frame (4) - | 17 | 2 |
|  | frame 3 - | 17 | 2 |
| frame 7 | 17 | I |
| frame 11 | 16 | 4 |
| frame 15 - - | 15 | 4 |
| frame 19 | «3 | I |
| frame 23 | 8 | 9 |
| frame 27 ■> - . - | 4 | 10 |
|  | frame 31 | 2 | I I |
|  | t frame 35 is I foot 2⅛ inches—half | 0 | 7τ |
|  |  | 12 I | IO⅛ |
|  |  | IO | I t |
|  |  | 133o | 2 |
| Area of that part abaft frame 3 5 | | 4 | 84 |
|  | rudder and poſt | 4 | 6⅜ |
|  |  | \*339 | 5  2 |
| Area of the 5th or lower water line from | |  |  |
| dead flat aft - | | 2678 | IO |
| Half the area of the load water line | | 2666 | 2τ |
| Area of the ſecond water line | | 4868 | 8' |
| Area of the third water line | | 4203 | 3 |
| Area of the fourth water line | | 3 Ç01 | 0 |
| Half the area of the lower water line | | \*339 | *5* |
| Sum - | | 16578 | 64 |
| Hiſtance between the water lines | | 4 | I |
| Content in cubic feet between the lower | |  |  |
| and load water lines | | 67695 | 8f |
| Area of the lower water line 2678 ro Areaof the upper ſideof the keel 206 4 | |
|  |  |
|  | |  |  |
|  | |  |  |
| Hiſtance between the lower wa- | |  |  |
| ter line and the keel 4 1 | |  |  |
| Cub. feet contained between low. | |  |  |
| er water line and the keel 5890 6∣  Content of the keel, lower part ©f rudder, | | 5890 | 6∣ |
| and falſe keel | | 464 | 3 |
| Cubic feet abaft the midflιrp frame under | |  |  |
| water when loaded | | 7405° | 6 |

|  |  |  |  |
| --- | --- | --- | --- |
|  | | | t  In. |
|  | frame dead flat is 24 feet 10 inches—half 12 | |  |
| frame E - - | 24 | IO |
| frame I | 24 | 8÷ |
| frame N | 24 | 0 |
|  |  |  |
|  |  |  |
| Sum ∙ - - - | | *115* | 4⅜ |
| Hiſtance between the frames | | 10 | II |
| Product | | 1259 | 6 |
| Area of the part afore frame W | | 80 | 3 |
|  | ftem and knee | 4 | 0 |
| Sum | | \*343 | 9 |
| Multiply by « - | | 2 |
|  | |  |  |
| 2687 | 6 |
|  | *Second Water Dine afore Dead Flat.* |  |  |
| Ft. | In. |
|  | *r* frame deadflat is 23 feet lθ∙4 inches—half 11 | | , 1⅛ |
| I frame E | 23 | IO |
| frame I - - | 23 | 5 |
| 1 frame N - - | 22 | 5 |
| frame | *'9* | II |
| Lframe W is 11 feet 11 inches—half | *5* | ιiτ |
| Sum | | 107 | 5∣ |
| Hiſtance between the frames - | | IO | II |
| Product -  Area of the part afore frame W, with the | | 1173 | 9 |
| ftem and knee | | 43 | 9 |
| Sum - - . . | | 1217 | 6 |
|  |  |  | 2 |
|  | |  |  |
| 2435 | 0 |
|  | *Third Witer Dine afore Dead Flat.* | |  |
|  | f frame dead flat is 22 feet *ιt1* inch—half | Ft. | In. |
|  | II | o∣ |
| j frame E | 22 | I |
| ! frame I  1 frame N - . | 21  20 | 8  I |
| 1 frame Q~  I frame W is 7 feet—half | l6  3 | \*τ  6 |
| Sum | | 94 | 6∣ |
| Hiſtance between the frames | | 10 | II |
|  | |  |  |
|  | |  |  |
| Sum - | | 1057 | 8  2 |
|  | |  |  |
| 2115 | 4 |