

Foremost Chief

Kopper Bidge

Length of Kopper - 52.0
Breadth " " 29.0

Volume of Immersed Portion:—

$$\text{Sides} : \frac{52.0 \times 14.25 \times 4.5}{35} = 95.3 \text{ Tons}$$

$$\text{Keelson} : \frac{52.0 \times 2.0 \times 4.0}{35} = 11.9 \text{ Tons}$$

107.2

Reserve of Buoyancy 24.7

$$107.2 \times 24.7 = 26.47 \text{ Tons}$$

$$\text{Immersed Portion} : \frac{52.0 \times 2.5 \times .8}{35} = 3 \text{ Tons}$$

Total : 29.47 Tons

$$\text{Area of W Plane} : 190.39 \times 38 \times .86 = 6220.$$

$$\text{Less Well } 52 \times 29.0 = \frac{1508}{4712}$$

$$\text{I.P.I.} : \frac{4712}{420} = 11.22$$

$$\frac{29.47}{11.22} = 2.62 \times \frac{2}{10} = .52 + \frac{1}{2}''$$



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