



Chainpalte (on centreline of centreboard) through bolted (for attachment of lifting wire)

hatched area is 52mm thick with parallel sides

DWL

pivot hole 25mm diameter, bushed with s/s tube.

Bottom of Keel  
Design Base Line

14 cm

R54 cm

20 cm

1.5mm stainless steel sheet each side of centreboard, glued with epoxy resin & bolted.  
(85 x 33 x .15cm x 2 = 842cc = 6.3 Kg)

The entire centreboard is sheathed in 2 laminations of glass cloth. A brass band is added to the leading edge after the cloth is laid up.

See drawing BS CB section.skf for details of section shape.

The "foil" part of the centreboard is a constant maximum thickness of 52mm except for the bottom 20cm, where thickness is faired down to 18cm at the tip. (ie width of brass band)

upper part of centreboard is laminated from 50mm strips of British Columbian Pine

limit of lead (126Kg)

CG of centreboard (150kg)

CG of lead ballast (126kg)

100 cm

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WEIGHTS & MOMENTS			
	Wgt	Dist DWL	Moment Kg/cm
LEAD	126	110	13420
S/S	6.3	47.5	300
TIMBER	11	19	209
GLASS/RESIN	6	56	336
TOTAL	150Kg		14265
CG is 96.7cm below DWL			

specific gravity of lead is 11.4

**BLUE STORM**  
7 METRE TRAILER-SAILER  
BY KEITH CALLAGHAN

Centreboard Construction

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brass band ends here