

CONSTRUCTION WORKSHEET

Location: _____
 Buoy Usage: _____
 Buoy Construction: _____
 Date: _____

Requirements as per Private Buoy and /or Boating Restriction Regulations

<i>Markings</i>	
<i>Colours</i>	
<i>Shape</i>	
<i>Dimensions</i>	
<i>Lights or Reflective Material</i>	
<i>Additional Requirements</i>	

Mooring Specifications

<i>Mooring Type</i>	
<i>Buoyancy or D.W. of Buoy</i>	
<i>Buoy Dry L and Weight</i>	
<i>Water Depth</i>	
<i>Mooring Line Material</i>	
<i>Anchor Materials</i>	

Weight Per ft / m:
 Displacement Value:

Anchor Weight Calculation:

$$\begin{aligned} \text{MINIMUM} &= [(DW - OW) \times \text{Material Displacement Factor}] \times \text{Safety Factor} \\ &= \\ &= \end{aligned}$$

Resulting Anchor Dimensions (Concrete Only): _____

Environmental Considerations

<i>Wind Maximum</i>	
<i>Wave Maximum</i>	
<i>Current Maximum</i>	

Maintenance

Component	Maintenance Cycle	Complete
<i>Buoy</i>		
<i>Mooring</i>		
<i>Anchor</i>		