

Boat name:

Date:

Compass:

Instruction (swinging the compass):

1. Find a deviation-free location, well away from electronic or metallic gear, to use a hand bearing compass (usually the stern of the boat, remove metal frame glasses and watch too!):
 - Choose a landmark to serve as a point of reference (at least 3 NM away).
 - While pinpointing the reference mark with the hand bearing compass, turn the boat slowly around and verify that the bearing read from the compass remain constant.
2. Sight through the mast and bow with a hand bearing compass.
3. Compare the reading obtained with that shown by the steering compass.
4. If steering compass > hand bearing compass, then deviation is W, otherwise E.
5. Repeat the steps 2-4 for each of the headings in the card.



		W	E		Heading	Deviation			
000 ⁰	6 ⁰	4 ⁰	2 ⁰	0 ⁰	2 ⁰	4 ⁰	6 ⁰	000 ⁰	
								022.5 ⁰	
045 ⁰								045 ⁰	
								067.5 ⁰	
090 ⁰								090 ⁰	
								112.5 ⁰	
135 ⁰								135 ⁰	
								157.5 ⁰	
180 ⁰								180 ⁰	
								202.5 ⁰	
225 ⁰								225 ⁰	
								247.5 ⁰	
270 ⁰								270 ⁰	
								292.5 ⁰	
315 ⁰								315 ⁰	
								337.5 ⁰	
360 ⁰								360 ⁰	