



Anchoring Evolution Safety Job Aid for U.S. Coast Guard 110' Island Class Patrol Boats

The following are important tips to remember when planning on conducting an anchoring evolution. Keep these in mind when planning and conducting your evolution onboard your 110' WPB:

Before you get underway:

1. Replace the stainless steel anchor with the stronger steel Danforth anchor.
2. Only plan to use a designated anchorage.

Once anchored:

1. Set up and plot on the chart the Cutter's **swing circle** (distance from the hawse pipe to the transom, including amount of anchor line paid out).
2. Set up and plot on the chart the Cutter's **drag circle** (distance from the hawse pipe to the alidade, including amount of anchor line paid out).
3. Plot drag and swing circles into SCCS.



{ _____ Swing Circle _____ } + anchor line length

[_____ Drag Circle _____] + anchor line length

While at Anchor:

1. Keep doing thirty minute rounds on the anchor. Make sure the anchor is not dragging. Pay particular attention to the strain of the anchor line.
2. Take a fix both on the paper chart and SCCS every 15 minutes.

******Hazardous Conditions Safety Warning***- If winds blow in excess of 30 knots, or current increases to more than 1 knot, the cutter is in danger of dragging anchor and damaging the anchor beyond repair. Immediately bring the anchor up and get the cutter underway.***

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