

# North Star Flotilla

Public Education: Adv. Coastal Navigation

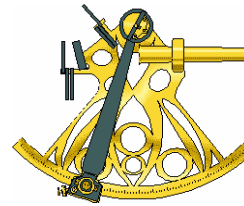
7 February 2005 to 23 May 2005

*meets only on Mondays*

7:15 – 7:30 review Previous class work 7:30 – 9:30 Cover material assigned

*Before the class: Skim read the chapter to be covered*

**AFTER the class: Re read the chapter and Complete the Questions in the student study guide**



**ACN Class Topic**

**Chapter**

**Module I** *Handouts in black notebook*

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7 Feb	<b>Meeting I</b> Charts, Position, Lat/Long, Distance	<b>Meeting I</b>
14 Feb	<b>Meeting II</b> Direction (mag), time/speed/dist.	<b>Meeting II</b>
28 Feb	<b>Meeting III</b> LOP (mag), FIX, Dr. Track	<b>Meeting III</b>

**Module II** *You now start using text & student study guide*

*Read & do **Chapt 1** MATERIAL BEFORE MODULE II STARTS*

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7 Mar	<b>Chart Types</b> (Mercator & Polyconic), <b>Height of Eye</b>	<b>Chapt. 3</b>
14 Mar	<b>Compass Theory</b> (What is deviation), <b>How to do TVMDC</b>	<b>Chapt. 2</b>
21 Mar	<b>Construct a Dev. Table</b> and using a <b>Napier Diag.</b>	<b>Chapt. 2</b>
28 Mar	<b>DR TRACK, FIX, EP, TABLE 9</b> (VERT), <b>TABLE 7</b> (Hor)	<b>Chapt. 5</b>
4 Apr	<b>Piloting Adv. an LOP, Running Fix, Danger Bearings,</b> <b>Adv. LOP over many legs</b>	<b>Chapt. 6</b> <b>Cruise Part I</b>

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*Classes move to USCG AUX. Bldg.at Greenwich Bay Marina (Masthead – Chelos)*

11 April	<b>Current Triangles</b> Three cases	<b>Chapt. 7</b>
18 April	<b>Current Predictions</b> (How to predict the current at a point)	<b>Chapt. 8</b>
25 April	<b>Tide Predictions</b> (How to predict the tide at any point)	<b>Chapt. 8</b>
2 May	<b>Radar</b> Using Plotting Boards CPA & His Course & Speed	<b>Chapt. 9</b> <b>Cruise Part II</b>
9 May	<b>Electronic Navigation</b> Loran, GPS, DGPS, RDF, Plotters	<b>Chapter. 9</b> <b>Cruise Part III</b> <u><b>Start Final Exam</b></u>
16 May	<b>Voyage Planning &amp; Fuel Prediction &amp; Publications</b>	<b>Chapt. 10 &amp; 11</b>

23 May **Hands on Sextant use** **Final Exam on theory** **Pass out Certificates**

<http://cgauxed.org/national/Library/A/NATACN/ACNpage.html>

**If there are any questions about the course or the homework, call Nick  
(401) 739-6028**