

## **Errata and Internet Links for Coastal Navigation and Piloting Text and Solutions books by Tom Tursi dated October 15, 2023**

Errata as of 03/7/2024

### **Coastal Navigation and Piloting Text dated 10/15/2023:**

- Page 1-12, 6<sup>th</sup> black bullet, 1<sup>st</sup> line: delete the words “and hold”
- Page 1-13, 1<sup>st</sup> black bullet, 2<sup>nd</sup> line: change “Chart\_1” to “Custom Chart”
- Page 2-2; Color picture of Navigation Aids contains printing errors; substitute the attached new page.
- Page 3-35; question 4 table: For the 090°C boat heading, change the EDT time from 091812 to 091829.
- Page 3-37; 1<sup>st</sup> and 2<sup>nd</sup> tables: For the 090°C boat heading, change the EDT time from 091812 to 091829.

### **Solutions book dated 10/15/2023:**

- Page 3-1, question 4 table: For the 090°C boat heading, change the EDT time from 091812 to 091829.
- Page 3-3; both tables: For the 090°C boat heading, change the EDT time from 091812 to 091829.
- Page 6-9 for question 6-6: In the descriptive box, change the 90-foot depth contour to 12-foot depth contour; two places.
- Page 6-22, question 6-21: Revise wording to the following: Determine the geographic range between you and Buzzards Light using the Geographic Range Table from the USCG Light List shown on next page; this is the maximum distance at which you can expect to see the light based on your height of eye and the height of the light. The 1210Tr chart shows Buzzards Light to be 101 feet high; see *Chartlet #7*. However, the Light List, Appendix page C-1 in the text, shows the light as 67 feet high. We'll use the Light List height since this is more recent information:



# U.S. AIDS TO NAVIGATION SYSTEM

## on navigable waters except Western Rivers

### LATERAL SYSTEM AS SEEN ENTERING FROM SEAWARD

PORT SIDE ODD NUMBERED AIDS	PREFERRED CHANNEL NO NUMBERS--MAY BE LETTERED	PREFERRED CHANNEL NO NUMBERS--MAY BE LETTERED	STARBOARD SIDE EVEN NUMBERED AIDS
<p><b>GREEN LIGHT ONLY</b></p> <p>FLASHING (2) </p> <p>FLASHING </p> <p>OCCULTING </p> <p>QUICK FLASHING </p> <p>ISO </p>	<p>PREFERRED CHANNEL TO STARBOARD TOPMOST BAND GREEN</p> <p><b>GREEN LIGHT ONLY</b></p> <p>COMPOSITE GROUP FLASHING (2+1) </p>	<p>PREFERRED CHANNEL TO PORT TOPMOST BAND RED</p> <p><b>RED LIGHT ONLY</b></p> <p>COMPOSITE GROUP FLASHING (2+1) </p>	<p><b>RED LIGHT ONLY</b></p> <p>FLASHING (2) </p> <p>FLASHING </p> <p>OCCULTING </p> <p>QUICK FLASHING </p> <p>ISO </p>
<p><b>1</b> LIGHT </p> <p><b>9</b> LIGHTED BUOY </p> <p><b>9</b> CAN </p> <p><b>5</b> DAYBEACON </p>	<p><b>A</b> LIGHTED BUOY </p> <p><b>U</b> CAN </p> <p><b>S</b> CAN </p>	<p><b>B</b> LIGHTED BUOY </p> <p><b>C</b> NUN </p> <p><b>G</b> DAYBEACON </p>	<p><b>2</b> LIGHT </p> <p><b>8</b> LIGHTED BUOY </p> <p><b>6</b> NUN </p> <p><b>2</b> DAYBEACON </p>

### AIDS TO NAVIGATION HAVING NO LATERAL SIGNIFICANCE

ISOLATED DANGER NO NUMBERS--MAY BE LETTERED	SAFE WATER NO NUMBERS--MAY BE LETTERED
<p><b>WHITE LIGHT ONLY</b></p> <p>FI (2) 5s </p> <p><b>A</b> LIGHTED AND/OR SOUND </p> <p><b>C</b> UNLIGHTED AND/OR SOUND </p>	<p><b>WHITE LIGHT ONLY MORSE CODE</b></p> <p>Mo (A) </p> <p><b>A</b> MR </p> <p><b>B</b> SPHERICAL </p> <p><b>N</b> UNLIGHTED AND/OR SOUND </p>

#### RANGE DAYBOARDS--MAY BE LETTERED

KGW	KWG	KWB	KBW	KWR	KRW	KRB	KBR	KGB	KBG	KGR	KRG
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

#### DAYBOARDS--MAY BE LETTERED

**WHITE LIGHT ONLY**

**NR**

**NG**

**NB**

**RW Bn**

**GW Bn**

**BW Bn**

#### SPECIAL MARKS--MAY BE LETTERED

**YELLOW LIGHT ONLY**

FIXED FLASHING

**A** UNLIGHTED

**C** UNLIGHTED

**A** UNLIGHTED

**B** LIGHTED

SHAPE OPTIONAL--BUT SELECTED TO BE APPROPRIATE FOR THE POSITION OF THE MARK IN RELATION TO THE NAVIGABLE WATERWAY AND THE DIRECTION OF BUOYAGE.

#### TYPICAL INFORMATION AND REGULATORY MARKS

INFORMATION AND REGULATORY MARKERS  
WHEN LIGHTED, INFORMATION AND REGULATORY MARKS MAY DISPLAY ANY LIGHT RHYTHM EXCEPT QUICK FLASHING AND FLASHING (2)

**WHITE LIGHT ONLY**

**NW**

**W Bn**

**DANGER**

**EXCLUSION AREA**

**RESTRICTED OPERATIONS**

**DANGER**

**5**

Aids to navigation marking the Intercoastal Waterway (ICW) display unique yellow symbols to distinguish them from aids marking other waters. Yellow triangles indicate aids should be passed by keeping them on the starboard (right) hand of the vessel. Yellow squares indicate aids should be passed by keeping them on the port (left) hand of the vessel. A yellow horizontal band provides no lateral information, but simply identifies aids as marking the ICW.

Active Internet Links used in Coastal Navigation and Piloting Text dated 10/15/2023 listed by page number:

<b>page</b>	
vi	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
vii	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
vii	<a href="https://www.youtube.com/playlist?list=PLDjZqs-Y1cMvgVLAMvBIIYeFOs-x9Xtte">https://www.youtube.com/playlist?list=PLDjZqs-Y1cMvgVLAMvBIIYeFOs-x9Xtte</a>
vii	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
1-8	<a href="https://www.nauticalcharts.noaa.gov/">https://www.nauticalcharts.noaa.gov/</a>
1-14	<a href="https://msi.nga.mil/">https://msi.nga.mil/</a>
1-14	<a href="https://www.nauticalcharts.noaa.gov/publications/print-agents.html">https://www.nauticalcharts.noaa.gov/publications/print-agents.html</a>
1-14	<a href="https://www.charts.gc.ca/charts-cartes/index-eng.html">https://www.charts.gc.ca/charts-cartes/index-eng.html</a>
1-14	<a href="https://www.admiralty.co.uk/charts">https://www.admiralty.co.uk/charts</a>
1-14	<a href="https://www.imray.com/">https://www.imray.com/</a>
1-14	<a href="https://harritrading.nl/">https://harritrading.nl/</a>
2-1	<a href="https://www.navcen.uscg.gov/">https://www.navcen.uscg.gov/</a>
2-10	<a href="https://msi.nga.mil/">https://msi.nga.mil/</a>
2-10	<a href="http://www.notmar.gc.ca/">http://www.notmar.gc.ca/</a>
3-20	<a href="https://www.esrl.noaa.gov/gmd/grad/solcalc/azel.html">https://www.esrl.noaa.gov/gmd/grad/solcalc/azel.html</a>
3-34	<a href="https://www.weather.gov/media/marine/rfax.pdf">https://www.weather.gov/media/marine/rfax.pdf</a>
3-34	<a href="https://www.weather.gov/marine/radiofax_charts">https://www.weather.gov/marine/radiofax_charts</a>
3-34	<a href="https://www.weather.gov/marine/textzones">https://www.weather.gov/marine/textzones</a>
3-34	<a href="https://www.weather.gov/media/marine/ftpmail.txt">https://www.weather.gov/media/marine/ftpmail.txt</a>
3-34	<a href="https://www.youtube.com/watch?v=1XmE-YHaxS4&amp;t=815s">https://www.youtube.com/watch?v=1XmE-YHaxS4&amp;t=815s</a>
4-12	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
5-7	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
6-23	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
7-11	<a href="https://tidesandcurrents.noaa.gov/">https://tidesandcurrents.noaa.gov/</a>
7-15	<a href="https://tidesandcurrents.noaa.gov/">https://tidesandcurrents.noaa.gov/</a>
7-18	<a href="https://tidesandcurrents.noaa.gov/">https://tidesandcurrents.noaa.gov/</a>
7-21	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
8-2	<a href="https://www.nauticalcharts.noaa.gov/">https://www.nauticalcharts.noaa.gov/</a>
8-4	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
11-2	<a href="https://www.nauticalcharts.noaa.gov/">https://www.nauticalcharts.noaa.gov/</a>

Active Internet Links used in Solutions to Coastal Navigation and Piloting book dated 10/15/2023 listed by page number:

<b>page</b>	
v	<a href="https://www.youtube.com/playlist?list=PLDjZqs-Y1cMygVLAMvBIIYeFOs-x9Xtte">https://www.youtube.com/playlist?list=PLDjZqs-Y1cMygVLAMvBIIYeFOs-x9Xtte</a>
3-3	<a href="https://www.esrl.noaa.gov/gmd/grad/solcalc/azel.html">https://www.esrl.noaa.gov/gmd/grad/solcalc/azel.html</a>
4-1	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
5-1	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
6-1	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
7-1	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
8-3	<a href="https://www.nauticalcharts.noaa.gov/">https://www.nauticalcharts.noaa.gov/</a>
8-3	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>
8-5	<a href="http://www.mdschool.com/School Store/Store-Index.htm">http://www.mdschool.com/School Store/Store-Index.htm</a>

**Errata for earlier Coastal Navigation and Piloting Text and Solutions books  
by Tom Tursi dated September 15, 2022**

Errata as of 8/25/2023 for  
Coastal Navigation & Piloting text (ASA105) by Tom Tursi; 9/15/22 Edition:

- Page vii: 1st bullet in middle of page change Store Item from #13 to #14.
- Page 5-2: Change date in Logbook table from 11/12/19 to 11/12/1999.
- Page 5-5, Figure 5-2: Insert the following calculation for updating compass rose magnetic Variation:  $1999-1985 = 14 \text{ years} \times 5' \text{ increase per year} = 70' = 1^{\circ}10'$  increase =  $8^{\circ}W + 1^{\circ}10' = 9^{\circ}10'W = 9^{\circ}W$ .
- Page 6-18: Add the following sentence to the 3rd bullet near the middle of the page:  
"Therefore, the distance off at the time of the 2nd bearing = 1.4 NM."
- Page 7-12: 2nd bullet in middle of page change "Internet Current Tables" to " Internet Tide Tables"
- Page M-1, answer 1-19e: change  $\pm 20$  meters to  $\pm 50$  meters.
- Page M-3, answer 7a: change to 6.0 knots.
- Page M-3, answer 7b: change to 4.5 NM.

Errata as of 8/25/2023 for  
Solutions to Coastal Navigation & Piloting (ASA105) by Tom Tursi; 9/15/22 Edition:

- Page 1-8, question 1-19e: change  $\pm 20$  meters to  $\pm 50$  meters.
- Page 3-4: change arrow to point from "D" column in 1st table to middle column in 2nd table.
- Page 3-5, question 7a: change formula to  $0.92 \times 6.5 = 6.0$  knots.
- Page 3-5, question 7b: change formula to  $0.92 \times 4.9 = 4.5$  NM.
- Page 7-24: In the paragraph headed Quarter Points, change the last sentence to read:  
"This compares with 0.88 for the Table 3 method in answer to question 7-9a above and 0.7 for the straight-line interpolation shown in Figure 7-12 of the main text."