



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>GREEN LIGHT ONLY</p> <p>FLASHING (2) </p> <p>FLASHING </p> <p>OCCULTING </p> <p>QUICK FLASHING </p> <p>ISO </p>	<p>PREFERRED CHANNEL TO STARBOARD</p> <p>TOPMOST BAND GREEN</p> <p>GREEN LIGHT ONLY</p> <p>COMPOSITE GROUP FLASHING (2+1) </p>	<p>PREFERRED CHANNEL TO PORT</p> <p>TOPMOST BAND RED</p> <p>RED LIGHT ONLY</p> <p>COMPOSITE GROUP FLASHING (2+1) </p>	<p>RED LIGHT ONLY</p> <p>FLASHING (2) </p> <p>FLASHING </p> <p>OCCULTING </p> <p>QUICK FLASHING </p> <p>ISO </p>
<p>1</p> <p>LIGHT <i>Fl 1s</i></p> <p>9</p> <p>LIGHTED BUOY <i>G 9s Fl G 4s</i></p>	<p>A</p> <p>LIGHTED BUOY <i>GR "A" Fl (2+1) G 6s</i></p>	<p>B</p> <p>LIGHTED BUOY <i>RG "B" Fl (2+1) R 6s</i></p>	<p>2</p> <p>LIGHT <i>Fl 2s</i></p> <p>8</p> <p>LIGHTED BUOY <i>R 8s Fl R 4s</i></p>
<p>9</p> <p>CAN <i>G C 9s</i></p> <p>5</p> <p>DAYBEACON <i>G 5s</i></p>	<p>U</p> <p>CAN <i>GR "U"</i></p> <p>S</p> <p>CAN <i>GR C 5s</i></p>	<p>C</p> <p>NUN <i>RG N C</i></p> <p>G</p> <p>DAYBEACON <i>RG "G"</i></p>	<p>6</p> <p>NUN <i>R N 6s</i></p> <p>2</p> <p>DAYBEACON <i>R 2s</i></p>

AIDS TO NAVIGATION HAVING NO LATERAL SIGNIFICANCE

<p>ISOLATED DANGER NO NUMBERS MAY BE LETTERED</p> <p>WHITE LIGHT ONLY </p> <p><i>Fl (2) 5s</i> </p> <p>A <i>BR "A" Fl (2) 5s</i></p> <p>C <i>BR "C"</i></p> <p>LIGHTED UNLIGHTED</p>	<p>SAFE WATER NO NUMBERS MAY BE LETTERED</p> <p>WHITE LIGHT ONLY MORSE CODE </p> <p><i>Mo (A)</i> </p> <p>A <i>RW "A" Mo (A)</i></p> <p>B <i>RW SP "B"</i></p> <p>LIGHTED AND/OR SOUND UNLIGHTED AND/OR SOUND</p>
<p>DAYBOARDS MAY BE LETTERED</p> <p>WHITE LIGHT ONLY</p> <p>NR <i>RW Bn</i></p> <p>NG <i>GW Bn</i></p> <p>NB <i>BW Bn</i></p>	<p>RANGE DAYBOARDS MAY BE LETTERED</p> <p>KGW KWG KWB KBW KWR KRW KRB KBR KGB KBG KGR KRG </p>
<p>TYPICAL INFORMATION AND REGULATORY MARKS</p> <p>INFORMATION AND REGULATORY MARKERS</p> <p>WHEN LIGHTED, INFORMATION AND REGULATORY MARKS MAY DISPLAY ANY LIGHT RHYTHM EXCEPT QUICK FLASHING, FLASHING (2), AND MORSE "A"</p> <p>WHITE LIGHT ONLY </p> <p>DANGER <i>RW</i></p> <p>W <i>Bn</i></p> <p>EXCLUSION AREA RESTRICTED OPERATIONS DANGER 5 </p>	<p>SPECIAL MARKS MAY BE LETTERED</p> <p>A <i>Y "A" Bn</i></p> <p>B <i>Y "B" Fl</i></p> <p>SHAPE OPTIONAL—BUT SELECTED TO BE APPROPRIATE FOR THE POSITION OF THE MARK IN RELATION TO THE NAVIGABLE WATERWAY AND THE DIRECTION OF BUOYAGE.</p> <p>UNLIGHTED LIGHTED</p>
<p>MOORING BUOY</p> <p>WHITE WITH BLUE BAND</p> <p>MAY SHOW WHITE REFLECTOR OR LIGHT</p>	<p>Aids to navigation marking the Intracoastal Waterway (ICW) display unique yellow symbols to distinguish them from aids marking other waters. Yellow triangles \triangle indicate aids should be passed by keeping them on the starboard (right) hand of the vessel. Yellow squares \square 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.</p>



U.S. AIDS TO NAVIGATION SYSTEM on the Western River System

AS SEEN ENTERING FROM SEAWARD

<p>PORT SIDE OR RIGHT DESCENDING BANK</p> <p>GREEN OR WHITE LIGHTS</p> <p>FLASHING ISO</p> <p>LIGHT, LIGHTED BUOY, CAN, SG, CG</p> <p>PASSING DAYBEACON, CROSSING DAYBEACON</p> <p>176.9 MILE BOARD</p>	<p>PREFERRED CHANNEL MARK JUNCTIONS AND OBSTRUCTIONS COMPOSITE GROUP FLASHING (2+1)</p> <p>PREFERRED CHANNEL TO STARBOARD TOPMOST BAND GREEN FI (2+1) G</p> <p>JG</p> <p>PREFERRED CHANNEL TO PORT TOPMOST BAND RED FI (2+1) R</p> <p>JR</p> <p>DAYBOARDS HAVING NO LATERAL SIGNIFICANCE</p> <p>MAY BE LETTERED, WHITE LIGHT ONLY</p> <p>NR, NG, NB</p>	<p>STARBOARD SIDE OR LEFT DESCENDING BANK</p> <p>RED OR WHITE LIGHTS</p> <p>FLASHING (2) ISO</p> <p>LIGHT, LIGHTED BUOY, NUN, TR, CR</p> <p>PASSING DAYBEACON, CROSSING DAYBEACON</p> <p>123.5 MILE BOARD</p>
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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)

NW WHITE LIGHT ONLY

DANGER, EXCLUSION AREA, RESTRICTED OPERATIONS, DANGER

SPECIAL MARKS—MAY BE LETTERED

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

YELLOW LIGHT ONLY, FIXED FLASHING

UNLIGHTED, LIGHTED

UNIFORM STATE WATERWAY MARKING SYSTEM (USWMS)

Note: The USWMS is presently merging with the U.S. Aids to Navigation System and will be discontinued on December 31, 2003. Vessel operators may encounter both types of systems during this transitional period.

STATE WATERS AND DESIGNATED STATE WATERS FOR PRIVATE AIDS TO NAVIGATION

<p>REGULATORY MARKERS</p> <p>SWIM AREA, BOAT EXCLUSION AREA, ROCK, DANGER, CONTROLLED AREA, NO WAKE</p> <p>EXPLANATION MAY BE PLACED OUTSIDE THE CROSSED DIAMOND SHAPE, SUCH AS DAM, RAPIDS SWIM AREA, ETC.</p> <p>THE NATURE OF DANGER MAY BE INDICATED INSIDE THE DIAMOND SHAPE, SUCH AS ROCK, WRECK, SHOAL, DAM, ETC.</p> <p>TYPE OF CONTROL IS INDICATED IN THE CIRCLE, SUCH AS SLOW NO WAKE, ANCHORING, ETC.</p>	<p>LATERAL SYSTEM</p> <p>MAY SHOW GREEN REFLECTOR OR LIGHT, MAY SHOW RED REFLECTOR OR LIGHT</p> <p>USUALLY FOUND IN PAIRS PASS BETWEEN THESE BUOYS</p> <p>3, 4</p> <p>SOLID BLACK BODY, PORT SIDE, LOOKING UPSTREAM, STARBOARD SIDE, SOLID RED BUOY</p>	<p>MOORING BUOY WHITE WITH BLUE BAND MAY SHOW WHITE REFLECTOR OR LIGHT</p>
<p>INFORMATION</p> <p>FOR DISPLAYING INFORMATION SUCH AS DIRECTIONS, DISTANCES LOCATIONS, ETC.</p> <p>BUOY USED TO DISPLAY REGULATORY MARKERS</p> <p>MAY SHOW WHITE LIGHT, MAY BE LETTERED</p>	<p>CARDINAL SYSTEM</p> <p>MAY SHOW WHITE REFLECTOR OR LIGHT, MAY SHOW WHITE REFLECTOR OR QUICK FLASHING WHITE LIGHT</p> <p>7, 8</p> <p>BLACK-TOPPED WHITE BUOY, RED-TOPPED WHITE BUOY</p> <p>MAY BE NUMBERED, PASS TO NORTH OR EAST OF BUOY, PASS TO SOUTH OR WEST OF BUOY</p> <p>BLACK-STRIPED WHITE BUOY</p> <p>Used to indicate an obstruction to navigation, extends from the nearest shore to the buoy. This means "do not pass between the buoy and the nearest shore." This aid is replacing the red and white striped buoy within the USWMS, but cannot be used until all red and white striped buoys on a waterway have been replaced.</p>	

