

OIC - NW: COMPETENCE 2
Maintain Safe Navigation Watch

1	How many points are there in a compass card?			
	4	8	24	32
2	A vessel navigating in separation scheme should NOT intervene the passage of:			
	submarine	deep draught vessel	fishing vessel	naval vessel
3	On a chart, the characteristic of the light on a lighthouse is shown as flashing white with a red sector. The red sector:			
	indicates the limits of the navigable channel	indicates a danger area	is used to identify the characteristics of the light	serves no significant purpose
4	Under the IALA Buoyage Systems, a cardinal mark may NOT be used to:			
	indicate that the deepest water in an area is on the named side of the mark	indicate the safe side on which to pass a danger	draw attention to a feature in the channel such as a bend, junction,	indicate that the deepest water in an area is on the named side of the mark
5	When two vessels are in sight of one another and NOT in or near an area of restricted visibility, any of the following signals may be given EXCEPT:			
	one prolonged, one short, one prolonged, and one short whistle blasts	four short whistle blasts	a light signal of at least five short and rapid flashes	two short whistle blasts
6	You are at anchor in fog. The fog signal of a vessel underway has been steadily growing louder and the danger of collision appears to exist. In addition to your fog signal, what signal may be used to indicate the presence of your vessel?			
	No signal other than your fog signal may be used	Three blasts on the whistle; one prolonged, one short, and one prolonged.	Three blasts on the whistle; one short, one prolonged, and one short	Three blasts on the whistle; one prolonged followed by two short

7	A light that has a light period shorter than its dark period is described as:			
	flashing	pulsating	occulting	alternating
8	A bluff bar is a bar:			
	extending out from a bluff alongside the river	that tends to give a false indication of its position	that has a sharp drop off into deep water	that is perpendicular to the current
9	While underway in fog, you hear a vessel ahead sound two prolonged blasts on the whistle. You should:			
	not sound any whistle signals until the other vessel is sighted	sound two blasts and change course to the left	sound only fog signals until the other vessel is sighted	sound whistle signals only if you change course
10	You are upbound approaching a lock and dam and see two green lights in a vertical line. This indicates:			
	the downstream end of an intermediate wall	that a double lockage is in progress	the downstream end of the land wall	the navigable pass of a fixed weir dam
11	A preferred-channel buoy will show a:			
	white light whose characteristic is Morse (A)	group-occulting white light	composite group-flashing (2 + 1) white light	composite group-flashing (2 + 1) red or green light
12	A vessel showing a rigid replica of the International Code flag "A" is engaged in:			
	fishing	dredging	mineclearance operations	diving operations
13	Which light signal indicates that you may approach the lock?			
	Flashing red	Flashing amber	Steady amber	Steady green

14	You are steaming in the open ocean of the North Pacific between the Aleutian Chain and Hawaii. A warning broadcast indicates that an earthquake has occurred in the Aleutians and has generated a tsunami that is predicted to hit Hawaii. What action is necessary for?			
	Calculate the tsunami's ETA at your position and turn to a course that will head into the Tsunami.	Securely stow all loose gear, check deck lashings, and prepare for extreme rolls.	No special action as tsunamis are inconspicuous in the open ocean	Prepare for sudden, high-velocity wind gusts from rapidly changing directions.
15	A mid-channel buoy, if lighted, will show a:			
	fixed red light	Morse (A) white light	green light	flashing red light
16	A cardinal mark showing an uninterrupted quick-flashing white light indicates the deepest water in the area is on the:			
	north side of the mark	west side of the mark	east side of the mark	south side of the mark
17	A vessel is deemed to be in what situation when she approaches another vessel from more than 22.5 degrees abaft other vessel's beam?			
	Crossing	overtaking	meeting	any of the choices is correct
18	Port side daymarks may be:			
	numbered	octagonal	black and white	of any shape
19	Under the IALA cardinal system, a mark with a quick light showing 9 flashes every 15 seconds indicates that the safest water is on the:			
	north side of the mark	west side of the mark	east side of the mark	south side of the mark
20	Which daymark has no lateral significance?			
	Square; top half green and bottom half red	Black and white diamond	Red triangle	Green square

21	A vessel engaged in fishing during the day would show:			
	two cones, apexes together	one black ball	two cones with bases together	a cone, apex downward
22	A vessel's position should be plotted using bearings of:			
	buoys close at hand	fixed known objects on shore	fixed objects	All of the above
23	In the IALA Buoyage System, buoys with alternating red and green horizontal bands are used to indicate:			
	fishing areas	spoil grounds	the preferred channel	isolated dangers
24	The "head of the bend" is the:			
	top or upstream beginning of a bend	bottom or downstream beginning of a bend	midpoint or center radius of a bend	center line or apex of a bend
25	Under the IALA-A Buoyage system, a buoy marking the port hand of the channel when approaching from seaward may NOT have a:			
	red light	conical shape	group-flashing light	square topmark
26	Which vessel is the stand-on vessel when two vessels crossing in fog are NOT in sight of one another?			
	The vessel which has the other on her own port side	Neither vessel is the stand-on vessel	The vessel which hears the other vessel's fog signal first	The vessel which has the other on her own starboard side
27	A high intensity all-round flashing red light is exhibited by a WIG craft only when:			
	landing	taking off	in flight near surface	any of the choices is correct
28	A single-letter signal "TANGO" was heard at an interval of not more than two minutes in restricted visibility. This means that the vessel is a:			
	sailing vessel, making way	power-driven vessel, making way	towing vessel, not making way	power-driven vessel not making way

29	A tug is towing three barges astern in restricted visibility. The second vessel of the tow should sound:			
	one prolonged and three short blasts	one prolonged and two short blasts	one short blast	no fog signal
30	A vessel may exhibit lights other than those prescribed by the Rules as long as the additional lights:			
	have a lesser range of visibility than the prescribed lights	do not impair the visibility or distinctive character of the	are not the same color as either side light	have a lesser range of visibility than the prescribed lights
31	Eight points of a compass are equal to how many degrees?			
	45	90	180	360
32	The maritime radio system consisting of a series of coast stations transmitting coastal warnings is called:			
	NAVTEX	HYDROLANT/HYDR OPAC	NAVAREA	SAFESEA
33	Vessel "A" is overtaking vessel "B" on open waters and will pass without changing course. Vessel "A":			
	should sound two short blasts	will not sound any whistle signals	should sound one long blast	should sound the danger signal
34	What is the light phase characteristic of a lighted isolated-danger mark?			
	Interrupted quick flashing	Very quick flashing	Long flashing	Group flashing
35	Buoys are marked with reflective material to assist in their detection by searchlight. Which statement is TRUE?			
	A safe-water buoy will display red and white vertical stripes of reflective material.	All reflective material is white because it is the most visible at night.	A special-purpose mark will display either red or green reflective material to agree with its shape.	A preferred-channel buoy displays either red or green reflective material to agree with

36	A 95-meter vessel aground sounds which fog signal?			
	A rapid ringing of a bell for 5 seconds every two minutes	A whistle signal of one short, one prolonged, and one short blast	A rapid ringing of a bell for 5 seconds, preceded and followed by three separate and distinct strokes on the bell	A prolonged blast of the whistle at intervals not to exceed one minute
37	A partially submerged object towed by a vessel, during the day, must display which of the following shapes?			
	a black ball only when the length of the tow exceeds 200 meters in length	a diamond shape when the length of the tow exceeds 200 meters in length	a black ball	a diamond shape when the length of the tow is 200 meters or less
38	A special purpose buoy shall be:			
	lighted with a white light	striped black and red	lighted with a red light	yellow
39	The Rules state that risk of collision shall be deemed to exist:			
	if one vessel approaches another so as to be overtaking	if the bearing of an approaching vessel does not appreciably change	whenever a vessel crosses ahead of the intended track of	if one vessel approaches another so as to be overtaking
40	The time required for a lighted aid to complete a full cycle of light changes is listed in the Light List as the:			
	set	frequency	period	function

41	A buoy having red and green horizontal bands would have a light characteristic of:			
	interrupted quick flashing	composite group flashing	Morse (A)	quick flashing
42	In a crossing situation, what action should the stand-on vessel normally take?			
	take action to cross ahead of the other vessel	take action to pass astern of the other vessel	change course and increase speed	maintain course and speed
43	A buoy having red and white vertical stripes has a light characteristic of:			
	group occulting	Morse (A)	interrupted quick flashing	quick flashing
44	A light having characteristics which include color variations is defined as:			
	switching	alternating	oscillating	fluctuating
45	A lighthouse can be identified by its:			
	painted color	light color and phase characteristic	type of structure	All of the above
46	A power-driven vessel is underway and fishing with trolling lines. This vessel:			
	Must sound a one and prolonged, two short blasts signal in restricted visibility	Must keep out of the way of sailing vessel	Is the stand-on vessel when overtaking a power driven vessels	All of the above
47	A survey (special purpose mark) buoy:			
	must be lighted	may have a flashing red light	may have a fixed white light	None of the above

48	A vessel "restricted in her ability to maneuver" is one which:			
	through some exceptional circumstance is unable to maneuver as	from the nature of her work is unable to maneuver as required by the rules	through some exceptional circumstance is unable to maneuver as	has lost steering and is unable to maneuver
49	A vessel engaged in underwater operations and at anchor is required to sound the fog signal as contained in which rule?			
	Rule 33(d)	Rule 35(c)	Rule 34(a)	Rule 34(e)
50	A vessel is following a range to keep herself within a narrow channel. The chart indicates the range to be 001deg. The vessel is "on range" when she is steering a course of:			
	359deg. T	001deg. T	000deg. T	180deg. T
51	Buoys which only mark the left or right side of the channel will never exhibit a light with which characteristic?			
	Flashing	Quick flashing	Composite group flashing	Equal interval (isophase
52	COLREG Rule No 10 applies to?			
	Vessel's sailing in any condition of visibility	Vessel's sailing in reduced visibility	Vessel's sailing in good visibility	Vessel's sailing in separation schemes
53	General information about the location, characteristics, facilities, and services for U.S. and foreign ports may be obtained from which publication?			
	World Port Index	Sailing Directions	Distances Between Ports	Coast Pilot
54	On open water, a power-driven vessel coming up dead astern of another vessel and altering her course to starboard so as to pass on the starboard side of the vessel ahead would sound:			
	one long and one short blast	two prolonged blasts followed by one short blast	two short blasts	one short blast
55	Solid green arrows on the main body of a pilot chart indicate:			
	prevailing wind directions	prevailing ocean current directions	probable surface current flow	shortest great circle routes

56	The difference of latitude (l) between the geographic position (GP) of a celestial body and your position, at the time of upper transit, is represented by:			
	co-latitude	co-distance	zenith distance	altitude
57	To find the specific phase characteristic of a lighthouse on a sound of the United States you would use the:			
	American Practical Navigator	Light List	Nautical Chart Catalog	U.S. Coast Pilot
58	Under the IALA-B Buoyage System, when entering from seaward, a buoy that should be left to port will be:			
	black	red	green	yellow
59	What feature(s) of a daymark is (are) used to identify the beacon upon which it is mounted?			
	Color and shape	Size	Method of construction	Signal characteristics
60	When approaching a preferred-channel buoy, the best channel is NOT indicated by the:			
	light characteristic	color of the uppermost band	shape of an unlighted buoy	color of the light
61	Under the U.S. Aids to Navigation System used on the Western Rivers, aids to navigation lights on the right descending bank show:			
	white or green lights	white or red lights	green lights only	white lights only
62	What is characteristic of an occulting light?			
	1 sec. flash, 2 sec. eclipse, 1 sec. flash, 5 sec. eclipse	5 sec. flash, 5 sec. eclipse	4 sec. flash, 2 sec. eclipse, 3 sec. flash, 2 sec. eclipse	6 sec. flash, 6 sec. eclipse
63	When a buoy is in position only during a certain period of the year, where may the dates when the buoy is in position be found?			
	Light List	Notice to Mariners	On the chart	Coast Pilot
64	Which aid is NOT marked on a chart with a magenta circle?			
	Radar station	Radar transponder beacon	Radio beacon	Aero light

65	When navigating a vessel, you:			
	can always rely on a buoy to be on station	can always rely on a buoy to show proper light characteristics	should assume a wreck buoy is directly over the wreck	should never rely on a floating aid to maintain its exact position
66	Which of the following traits possessed by an articulated light makes it superior to other types of buoys?			
	The radar reflectors return better signals	The fog horn signal travels farther to sea	It is equipped with strobe lights	It has a reduced watch circle
67	Which signal, other than a distress signal, can be used by a vessel to attract attention?			
	Burning barrel	Orange smoke signal	Searchlight beam	Continuous sounding of a fog signal apparatus
68	While navigating in fog off a coastline of steep cliffs, you hear the echo of the ships fog horn 3 1/2 seconds after the signal was sounded. What is the distance to the shore?			
	640 yards	480 yards	315 yards	143 yards
69	You are involved in a crossing situation with a vessel off your port bow. The other vessel is showing a high intensity all-round flashing red light. Which action should you take?			
	Reduce Speed	Remain clear of the vessel	Alter course to starboard	Maintain course and speed
70	Your vessel enters fog. You stop your engines, and the vessel is dead in the water. Which fog signal should you sound?			
	Two prolonged blasts every two minutes	One prolonged and two short blasts every two minutes	One prolonged blast every two minutes	Three short blasts every two minutes
71	A sailing vessel before reaching a bend in river shall sound what signal?			
	The signal prescribed in Rule 34(c)	The signal prescribed in Rule 34(e)	The signal prescribed in Rule 34(a)	The signal prescribed in Rule 34(d)