

BK	NUM	ANS	QUESTION	ANSWER A	ANSWER B	ANSWER C	ANSWER D	ILLUST
1	32	B	INLAND ONLY You are overtaking a power-driven vessel in a narrow channel and wish to leave her on your starboard side. You may _____.	proceed to overtake her without sounding whistle signals	attempt to contact her on the radiotelephone to arrange for the passage	sound four short blasts	All of the above	
1	115	A	INLAND ONLY What is true of a "special flashing light"?	It may show through an arc of not less than 180°.	It flashes at the rate of 120 flashes per minute.	It is optional below the Baton Rouge Highway Bridge.	All of the above	
1	377	B	BOTH INTERNATIONAL & INLAND You are on a vessel heading due north and see the lights shown one point on your port bow. This vessel could be heading _____.	NW	SE	SW	NE	DIAGRAM 51
1	401	A	INLAND ONLY Two power-driven vessels are meeting in the situation as shown in a narrow channel on the Great Lakes. Vessel "A" is downbound with a following current. Vessel "B" should _____.	take action to permit safe passage	have the right of way	initiate the maneuvering signals	None of the above	DIAGRAM 37
1	407	B	INTERNATIONAL ONLY The word "vessel", in the Rules, includes _____.	a barge permanently affixed to the shore	wing in ground craft	a drilling unit attached to the Outer Continental Shelf	All of the above	
1	420	D	INTERNATIONAL ONLY What is the minimum fog signal required aboard a vessel between 12 meters and 20 meters in length at anchor?	rapid ringing of the bell for 10 seconds every minute	one short, one long, one short stroke of the bell every minute	three separate and distinct strokes of the bell every two minute	Any efficient sound signal every two minutes	
1	421	A	BOTH INTERNATIONAL & INLAND A vessel displaying the lights shown is _____.	towing astern	underway and more than 50 meters in length	not under command	fishing	
1	4248	D	BOTH INTERNATIONAL & INLAND What is NOT a distress signal?	Red flares or red rockets	Continuous sounding of fog signaling apparatus	International Code Flags "November" over "Charlie"	Basket hanging in the rigging	
1	4369	C	BOTH INTERNATIONAL & INLAND If a towing vessel and her tow are severely restricted in their ability to deviate from their course, they may show lights in addition to their towing identification lights. These additional lights may be shown if the tow is _____.	pushed ahead	towed alongside	towed astern	All of the above	
1	4477	C	BOTH INTERNATIONAL & INLAND There is a provision to depart from the Rules, if necessary, to avoid _____.	a close-quarters situation	an overtaking situation	immediate danger	All of the above	

1	4584	C	BOTH INTERNATIONAL & INLAND A vessel that is not equipped with towing lights should show that it has a vessel in tow by _____.	continuously sounding its horn	sounding one prolonged followed by two short blasts at intervals of not more than two minutes	shining a searchlight on the towline of the towed vessel	None of the above; a vessel shall not engage in towing at night without proper navigation lights	
1	4613	A	BOTH INTERNATIONAL & INLAND Working lights shall be used to illuminate the decks of a vessel _____.	over 100 meters at anchor	not under command	constrained by her draft	All of the above	
1	6500	D	BOTH INTERNATIONAL & INLAND A vessel towing astern and her tow are severely restricted in their ability to change course. When making way, the towing vessel will show ONLY _____.	the masthead lights for a towing vessel	the lights for a vessel restricted in her ability to maneuver	sidelights, stern light, and towing light	All of the above.	
1	8012	C	INTERNATIONAL ONLY In a narrow channel, a signal of intent which must be answered by the other vessel, is sounded by a vessel _____.	meeting another head-on	crossing the course of another	overtaking another	All of the above	
1	8089	B	BOTH INTERNATIONAL & INLAND A towing light _____.	flashes at regular intervals of 50-70 flashes per minute	is yellow in color	shows an unbroken light over an arc of the horizon of not less than 180° nor more than 225°	All of the above	
2	31	A	An embarked Pilot _____.	is a specialist hired for his local navigational knowledge	is solely responsible for the safe navigation of the vessel	relieves the Master of his duties	relieves the officer of the watch	
2	45	A	Which shallow water effect will increase dramatically if you increase your ship's speed past its "critical speed"?	Squatting	Smelling the bottom	Sinkage	Bank cushion	
2	87	A	A set of interior steps on a ship leading up to a deck from below is know as _____.	a companion way	'tween-decks	stairs	All of the above are acceptable	
2	205	A	A vessel is to make a voyage between New York and San Juan, Puerto Rico, and return. The crew should be signed on _____.	Coastwise Articles	Foreign Articles	Intercoastal Articles	no articles	
2	248	A	Dunnage may be used to protect a cargo from loss or damage by _____.	ship's sweat	inherent vice	tainting	hygroscopic absorption	
2	389	B	When hooking up a cargo hose to your vessel's manifold, you should use a(n) _____.	international shore connection	insulating flange or single length of non-conducting hose	self-contained breathing apparatus	oxygen analyzer	

2	409	B	A tanker is loaded with 5,000 barrels of petroleum. The cargo was loaded at a temperature of 70°F, and the coefficient of expansion is .0004. What is the net amount in barrels of cargo loaded?	4800	4980	5020	5200	
2	491	D	A change of a documented vessel's name can only be made by the _____.	American Bureau of Shipping	Commissioner of Customs	Treasury Department	Coast Guard	
2	623	D	When hugging a bank in a narrow channel, you should take precautions against _____.	bank suction, squat and the effects of vessels passing close aboard	clogged sea chests, plugged sea strainers and overheated machinery	striking underwater obstructions close to the bank	All of the above	
2	750	A	On a single-screw vessel the stern frame _____.	furnishes support to the rudder, propeller shaft, and transom frame	provides foundations for after mooring winches	provides foundations for the main propulsion engines	transfers the driving force of the propeller to the hull	
2	759	B	The equipment used to control, protect and connect a towline is called _____.	cat head	terminal gear	level wind	poured socket	
2	760	C	The connection to the towline must be secured with a _____.	galvanized screw-pin shackle	hardened steel thimble	shackle secured a nut and cotter pin	shackle fitted with a swivel piece	
2	762	D	A towing winch, that handles a wire towline, must have all of the following EXCEPT a _____.	device that evenly spools and tightly winds the towline	brake with holding power appropriate for the vessel's horsepower or bollard pull	brake that can be operated when there is no power available to drive the winch	source of emergency power to operate the winch	
2	763	B	A vessel that tows astern must have a/an _____.	towing winch	method to easily release the towline	oxy-acetylene cutting torch	ax or knife mounted near the towing bits	
2	769	D	The owner or Master of a towing vessel must ensure that each person that directs and controls the movement of the vessel knows all of the following EXCEPT _____.	the effects of maneuvering on the vessel and its tow	the speed and direction of any current for the area being transited	how to apply variation and deviation to readings from a magnetic compass	the ownership of the vessel(s) being towed	
2	782	B	The owner or Master of a towing vessel shall ensure that each person that directs and controls the movement of the vessel can accurately fix the vessel's position using all of the following EXCEPT _____.	installed navigational equipment	buoys alone	all available aids to navigation	depths soundings and hydrographic contour lines	

2	783	C	The owner or Master of a towing vessel shall ensure that each person that directs and controls the movement of the vessel can accomplish all of the following EXCEPT _____.	evaluate the danger of each closing visual or radar contact	adjust speed with due regard for the weather and visibility	reduce speed only where local speed limits are posted	enter all required test and inspection results in the vessel's log or other record carried on board
2	797	D	A U.S. or foreign flag vessel that does not comply with the Officers Competency Certificates Convention of 1936 may be detained by certain designated officials. These officials include all of the following EXCEPT a/an _____.	Coast Guard officer	employee of the U.S. Customs Service	Coast Guard petty officer	State Police officer
2	813	C	The Officers Competency Certificates Convention of 1936 applies to all of these vessels operating seaward of the boundary line EXCEPT a/an _____.	offshore supply vessel over 200 gross tons	passenger vessel of 295 gross tons	uninspected towing vessel of less than 200 gross tons	inspected towing vessel of 305 gross tons
2	815	A	A U.S. or foreign flag vessel that does not comply with the Officers Competency Certificates Convention of 1936 may be detained by certain designated officials. These officials include all of the following EXCEPT a/an _____.	State Police officer	Coast Guard officer	Coast Guard petty officer	officer of the U.S. Customs Service
2	829	A	In terms of vessel manning, a watch is the _____.	direct performance of deck or engine operations in a scheduled and fixed rotation	performance of maintenance work necessary for the vessel's safe operation, on a daily basis	performance of lookout duties	direct performance of cargo loading and discharge operations only
2	833	D	The Master may require part of the crew to work when needed for _____.	maneuvering, shifting berth, mooring and unmooring	performing work necessary for the safety of the vessel, its passengers, crew or cargo	performing fire, lifeboat or other drills in port or at sea	All of the above
2	843	D	If the Master of a US-flag towing vessel replaces any crew member with a non-US citizen, he/she must ensure that the _____.	replacement holds a license or document equivalent in experience and training to a mariner holding US credentials	replacement can communicate with other crew members to the extent required by regulations	vessel is on a foreign voyage, outside US jurisdiction, and not operating above the US outer continental shelf	all of the above

2	882	B	The owner or Master of a towing vessel that tows astern must keep records of the towline(s) that include all of the following information EXCEPT _____.	the towline's initial minimum breaking strength as determined by the manufacturer	an invoice showing the cost of the towline	the towline's nautical miles of use or time in service	the history of loading of the towline	
2	883	C	The size and material used for towline(s) must meet all of the following requirements, EXCEPT _____.	be appropriate to the vessel's horsepower or bollard pull	be strong enough to handle any static or dynamic loads expected during its service life	fit any spare wire clips carried on board the vessel for repair purposes	be suitable for exposure to the marine environment	
2	884	A	When towing astern, each towline must meet all of these requirements, EXCEPT _____.	being suitable for use as soon as it is removed from its normal stowage location	having wire clips for other than a temporary repair	having the end either spliced with a thimble or fitted with a poured socket	being free of knots	
2	887	D	The condition of a towline must be monitored by _____.	keeping record of the towline's initial minimum breaking strength	keeping record of each retest of the towline's minimum breaking strength	conducting routine visual inspections of the towline	All of the above	
2	889	C	The owner or Master of a towing vessel must evaluate whether the entire towline, or a part of it, is no longer serviceable. The towline should be removed from service in all cases EXCEPT _____.	when recommended by the manufacturer or an authorized classification society	in accordance with a replacement schedule	when the vessel is underway	depending on the mileage or time that the towline has been in service	
2	891	C	A seaman assaults the Second Mate and injures him with a beer bottle while the ship is at sea. The incident is logged in the Official Logbook. In subsequent suspension and revocation proceedings against the seaman, according to the regulations, _____.	the Second Mate and the Master must testify as to the facts of the assault	the case will be dismissed if the logbook entries are improperly made	the logbook entry is prima facie evidence of the facts if it complies with the law	the logbook is inadmissible if the logbook entries do not conform to the law	
2	913	B	When commencing cargo operations on a container ship, one cell at a hatch is generally discharged completely (to the bottom of the ship) before removing any containers from the adjoining cells to _____.	remove an existing list that would slow down cargo operations	initiate loading in conjunction with unloading at the hatch	improve stability during cargo operations	allow longshoremen easy access to the hatch	
2	1002	D	While steering by autopilot you notice that the vessel has deviated 15 degrees from course and there is no corrective rudder being applied. As a standard operating procedure you should _____.	adjust the setting of the rudder adjustment	adjust the setting of the weather adjustment	immediately engage the trick wheel	switch to the other steering system	

2	1042	B	Your vessel has the symbol shown inscribed on the sides amidships. Which statement is TRUE?	This line represents the load line mark for a Great Lakes voyage.	The gross and net tonnage of the ship will change if this mark is submerged and the load line is visible.	The line directly under the triangle is at the same level as the summer load line.	This is the equivalent of a load line marking for government (COE, NOAA, MSC) vessels.	D022DG
2	1163	A	When piloting a vessel, how are visual references used to establish a constant rate of turn?	Fixed objects that stay on the same relative bearing when the ship is turning indicate a constant rate of turn.	Visual references cannot be used to maintain a constant rate of turn.	Begin the turn when the fixed object is on the beam.	Keep the fixed object's relative bearing opening, for a constant rate of turn.	
2	1217	B	The proper way to correct a mistake in the logbook is to _____.	erase the entry and rewrite	draw a line through the entry, rewrite, and initial the correction	draw several lines through the entry, rewrite, and initial the correction	completely black out the entry, rewrite, and initial the correction	
2	1231	B	What is NOT a requirement for a salvage claim?	The property saved must be "maritime property."	The salvors must save or attempt to save any life in peril.	The salvage service must be voluntary.	The property must be in peril.	
2	1408	B	Which statement about the carriage of solid hazardous materials in bulk is TRUE?	A special permit issued by the Coast Guard is required before the cargoes in this subpart are loaded.	Other hazardous materials cargo must not be stowed on deck above a hold in which a solid hazardous material in bulk is loaded.	A certificate issued by ABS will be accepted as evidence that the vessel complies with all applicable loading regulations.	The shipping papers can be used in lieu of a Dangerous Cargo Manifest for a vessel carrying solid hazardous materials in bulk.	
2	1412	B	Upon completion of a voyage, the official logbook shall be filed with the _____.	nearest Regional Exam Center (REC)	the Officer in Charge, Marine Inspection (OCMI)	Captain of the Port (COTP)	None of the above	
2	1413	A	The official logbook is filed with the Officer in Charge, Marine Inspection (OCMI) _____.	upon completion of the voyage	at the next Certificate of Inspection	within 30 days of the date of arrival of the first U.S. port	at the end of the year with all other official logbooks	
2	1415	C	When an Official logbook is not required, an unofficial logbook is required to be kept aboard for review by a marine inspector for _____.	one month	six months	12 months	None of the above	
2	2533	B	You should attach a towline to a trailer eye bolt using a(n) _____.	eye splice	bowline	towing hitch	square knot	

2	2622	C	You must shore up the collision bulkhead due to solid flooding forward. The bulkhead approximates an inverted triangle. The center of pressure of the shores on the bulkhead should be located _____.	evenly over the surface of the bulkhead	approximately two-thirds of the way up the bulkhead	approximately halfway up the bulkhead	at the bottom of the bulkhead	
2	2664	B	You must shore up a bulkhead due to solid flooding forward. The bulkhead approximates a rectangle. The center of pressure of the shores on the bulkhead should be located _____.	evenly over the surface of the bulkhead	approximately one-third of the way up the bulkhead	approximately halfway up the bulkhead	at the bottom of the bulkhead	
2	2744	B	An icebreaker assisting a vessel through an ice field would display a visual signal consisting of the code letter "I" (India) to signify that "_____".	I am altering my course to starboard	I am altering my course to port	I am operating astern propulsion	My vessel is stopped and making no way through the water	
2	2859	D	An icebreaker assisting a vessel through an ice field would display a visual signal consisting of the code letter "M" (Mike) to signify that "_____".	I am altering my course to starboard	I am altering my course to port	I am operating astern propulsion	my vessel is stopped and making no way through the water	
2	2948	C	An icebreaker assisting a vessel through an ice field would display a visual signal consisting of the code letter "S" (Sierra) to signify that "_____".	I am altering my course to starboard	I am altering my course to port	I am operating astern propulsion	My vessel is stopped and making no way through the water	
2	2978	A	An icebreaker assisting a vessel through an ice field would display a visual signal consisting of the code letter "E" (Echo) to signify that "_____".	I am altering my course to starboard	I am altering my course to port	I am operating astern propulsion	My vessel is stopped and making no way through the water	
2	4071	B	The head block is located _____.	at the base of the boom	at the head of the boom	at the head of the mast	on top of the jack staff	
3	366	B	If an observer in the Northern Hemisphere faces the surface wind, the center of low pressure is to his _____.	left, slightly behind him	right, slightly behind him	left, slightly in front of him	right, slightly in front of him	
3	641	A	Buoys which mark isolated dangers are painted with alternating _____.	red and black bands	green and black bands	red and white stripes	green and white bands	
3	1189	D	Concerning a celestial observation, the azimuth angle is measured from the principal vertical circle to the _____.	Greenwich celestial meridian	hour circle of the body	local celestial meridian	vertical circle of the body	
3	1225	D	The term "Western Rivers," when it refers to regulations requiring towing vessels to carry navigational-safety equipment, charts or maps, and publications, includes the _____.	Mississippi River and its tributaries	Port Allen - Morgan City Alternate Route	Red River and the Old River	All of the above	

3	1228	C	"An electronic or electric device that indicates the rate of turn of a vessel," defines a/an _____.	magnetic compass	gyro-compass	swing meter	odometer	
3	1814	A	You are enroute to assist vessel A. Vessel A is underway at 4.5 knots on course 233°T, and bears 264°T at 68 miles from you. What is the course to steer and running time at 13 knots to intercept vessel A?	254°, 7h 37m	274°, 8h 35m	254°, 8h 35m	274°, 7h 37m	
3	1946	B	When making landfall at night, you can determine if a light is a major light or an offshore buoy by _____.	the intensity of the light	checking the period and characteristics against the Light List	the color, because the buoy will have only a red or a green light	All of the above can be used to identify the light.	
3	2234	D	A vessel is heading magnetic north and its magnetic compass indicates a heading of 003°. What action should be taken to remove this error during compass adjustment?	Move the quadrantal spheres closer to the compass	Raise the heeling magnet if the red end is up	Remove some of the Flinders bar	Raise or lower the athwartship magnets	D052NG
3	2369	A	Which magnetic compass corrector(s) CANNOT be set on a heading of magnetic east or magnetic west?	Heeling magnet	Flinders bar	Fore-and-aft magnets	All of the above can be set on magnetic east or magnetic west headings.	D052NG
3	2469	D	A tow that is properly aligned to pass through a narrow opening between two bridge piers is "_____".	on course	headed fair	holding on	in shape	
3	3120	D	The short text messaging feature of the automatic identification system (AIS) allows for messages of up to _____.	56 characters	64 characters	128 characters	158 characters	
4	0	D	Frapping lines _____.	secure the lifeboat in the davits when in the stowed position	bring the lifeboat close alongside the rail in the embarkation position	give the occupants a safety line when the boat is being lowered from the embarkation level	reduce the swinging of the lifeboat at the embarkation level	
4	676	C	Your vessel has 3 lifeboats on each side. The middle boat on the starboard side is designated as boat number _____.	2	2 STARBOARD	3	4	
4	1126	A	Aboard small passenger vessels which type(s) of ventilation must be provided for enclosed spaces containing gasoline engines or gasoline fuel tanks?	Natural supply and mechanical exhaust	At least one opening to the exterior of the hull	Mechanical supply and natural exhaust	All of the above	
4	1289	A	An undocumented vessel with 10 people aboard and operating 25 miles off the seacoast must carry a survival craft of the _____.	inflatable buoyant apparatus type	buoyant apparatus type	life float type	All of the above types are acceptable.	

4	1387	B	In painting a lifeboat following its overhaul, which parts must be painted bright red?	the top 2-1/2 inches of each side	the releasing gear lever	the fuel tanks	the thwarts	
4	1406	D	The principal danger from ice collecting on a vessel is the _____.	decrease in capabilities of radar	decrease in displacement	adverse effect on trim	loss of stability	
4	1552	A	BOTH INTERNATIONAL & INLAND A sailing vessel must keep course and speed when _____.	being overtaken	to windward of another sailing vessel	to leeward of another sailing vessel	crossing a vessel engaged in fishing	
4	1723	C	The regulations that were passed to implement MARPOL 73/78 concerning oil pollution apply to a U.S. flag vessel that sails on which waters?	Inland waters only	Great Lakes only	International waters	All of the above	
4	1761	B	After jacking down your liftboat you have an unexpected list. You find that the only cause of this list must be a flooded leg. The list caused by a flooded leg means your vessel has a(n) _____.	negative GM (metacentric height)	decrease in the GZ (righting arm)	increase in the waterplane and the metacentric height	less chance of deck edge immersion	
4	1816	C	BOTH INTERNATIONAL & INLAND Except where specifically required by the rules, a sailing vessel is NOT required to keep out of the way of a _____.	vessel engaged in fishing	vessel anchored	power-driven pilot vessel on station	vessel setting a channel buoy	
4	1884	D	BOTH INTERNATIONAL & INLAND Unless the rules require otherwise, a sailing vessel must keep out of the way of _____.	an overtaking vessel	a pilot vessel on station	another sailing vessel on a crossing course	a vessel trawling	
4	1922	A	BOTH INTERNATIONAL & INLAND A sailing vessel shall not impede the safe passage of a _____.	power-driven vessel following a traffic lane	pilot vessel enroute to a pilot station	law enforcement vessel	All of the above	
4	1947	D	BOTH INTERNATIONAL & INLAND Your 18-meter vessel is under sail at night displaying sidelights, stern light, and a red light over a green light at the masthead. If you start the auxiliary engine and engage the propeller, you must _____.	turn your stern light off	show two green lights instead of a red and green at the masthead	display a white light in sufficient time to prevent collision	turn off the red over green, turn on the white masthead light	
4	1970	A	What product is considered a noxious liquid substance for regulatory purposes?	Octanol	Acetonitrile	Hog grease	Cetyl-Eicosyl methacrylate	
4	1980	D	What product is considered a noxious liquid substance for regulatory purposes?	Dodecyl methacrylate	Asphalt	Sulfur (molten)	Latex	
4	1990	C	What product is considered a noxious liquid substance for regulatory purposes?	Acetonitrile	Sulfur (molten)	Dodecanol	Trimethyl phosphite	

4	1992	A	A deep keel on a sailing vessel increases the _____.	resistance to lateral movement	length-depth ratio resulting in a faster hull design	height of the center of gravity above the hull resulting in a more stable vessel	mast height to compensate for increased lateral resistance	
4	2000	B	What product is considered a noxious liquid substance for regulatory purposes?	Formaldehyde (>50%)	Nonane	Methyl ethyl ketone	Sulfur (molten)	
4	2025	A	BOTH INTERNATIONAL & INLAND You are under sail with the auxiliary engine running and the propeller engaged on a 15 meter sail vessel. Which statement is TRUE?	This condition is indicated by a conical shape, apex downwards.	You should maintain course and speed when approaching a power-driven vessel.	You must display two green lights in a vertical line at or near the masthead.	You are considered a sailing vessel as long as sail propulsion affects the vessel's maneuverability.	
4	2044	B	BOTH INTERNATIONAL & INLAND You are under sail making 5 knots. The apparent wind is broad on the port beam at 10 knots. You see another sailing vessel dead ahead on a meeting course. What action is correct?	Both vessels must maneuver to avoid collision.	You must keep out of the way of the other vessel.	Only the other vessel must maneuver to avoid collision.	You are only required to maneuver if collision cannot be avoided by maneuver of the other vessel.	
4	2064	B	BOTH INTERNATIONAL & INLAND You are under sail and overtaking a tug and tow. Which action is correct?	The power-driven tug must maneuver to avoid collision.	You must maneuver to avoid the tug and tow.	You must maneuver to avoid collision only if the tug is to leeward and the wind is on your port side.	Both vessels are required to maneuver to avoid collision.	
4	2077	C	BOTH INTERNATIONAL & INLAND You are proceeding under sail with the auxiliary engine running and the propeller engaged. Which statement is TRUE?	If most of the propelling power comes from the sails, your vessel is considered a sailing vessel.	You must display a red light over a green light at the masthead.	In fog you must sound one prolonged blast at two-minute intervals when making way.	By day, you must display a black diamond shape forward.	
4	2196	C	BOTH INTERNATIONAL & INLAND You are on a sailing vessel with the wind on the starboard side and are approaching another sailing vessel that has the wind on the port side. Which action should you take?	Reduce sail and hold course.	Alter course away from the other vessel.	Maintain course and speed.	Any maneuver to avoid collision.	
4	2275	B	BOTH INTERNATIONAL & INLAND Your 18-meter vessel is propelled by sail and power. What action is required when the engine is stopped?	Display a black diamond shape forward.	Remove the black cone shape from forward.	Remove the black balls (one at the masthead and one on each spreader).	Display a black cylindrical shape at the masthead.	

4	2515	A	Before personnel are lifted from a vessel in a personnel basket, the vessel should be _____ ?	directly under the boom	moving away from the boom	stopped dead in the water	secured to the boom	
4	2883	C	Life jackets should be stowed in _____.	survival craft	messrooms	readily accessible locations	locked watertight containers	
4	2935	A	Which statement is TRUE concerning life jackets which are severely damaged?	They should be replaced.	They must be tested for buoyancy before being continued in use.	They can be repaired by a reliable seamstress.	They can be used for children.	
4	2965	B	Which is TRUE concerning immersion suits and their use?	Only a light layer of clothing may be worn underneath.	They provide sufficient flotation to do away with the necessity of wearing a life jacket.	They should be tight fitting.	A puncture in the suit will not appreciably reduce its value.	
4	3065	A	Which precaution should be taken when testing a line throwing gun?	Never remove the line from the rocket.	Fire it at an angle of approximately 90 degrees to the horizon.	Wear asbestos gloves.	All of the above	
4	3088	A	Using a sea anchor with the survival craft will _____.	reduce your drift rate	keep the survival craft from turning over	aid in recovering the survival craft	increase your visibility	
4	3209	D	In the illustration shown, the floating sheath knife is indicated as item number _____.	4	8	22	23	D014SA
4	3386	D	While proceeding towards a distress site you hear the message PRU-DONCE over the radiotelephone. Which action should you take?	Advise the sender of your course, speed, position, and ETA at the distress site.	Resume base course and speed because the distress is terminated.	Shift your radio guard to the working frequency that will be indicated in the message.	Use that frequency only for restricted working communications.	
4	3948	C	While adrift in an inflatable liferaft in hot, tropical weather _____.	the canopy should be deflated so that it will not block cooling breezes	the pressure valve may be periodically opened to prevent excessive air pressure	deflating the floor panels may help to cool personnel	the entrance curtains should never be opened	
4	3972	A	The external recognition light can be seen up to two miles and is shown as item number _____.	3	5	8	23	D014SA
4	3974	D	In the illustration, the sea anchor is shown as item number _____.	2	9	13	18	D014SA
4	3979	A	In the illustration shown, where would you find the knife?	23	21	8	4	D014SA

4	3982	C	In the illustration shown, the external lifelines are shown as item number _____.	1	8	12	16	D014SA
4	3984	B	As shown in the illustration, item #8 would be a(n) _____.	recognition light	rain water catchment tube assembly	pressure relief valve	floating sheath knife	D014SA
4	4017	B	Towing vessel fire protection regulations define a "fixed fire-extinguishing system" to include all of the following EXCEPT a _____.	carbon-dioxide system	halon system	manually-operated clean-agent system	manually-operated water-mist system	
4	4019	D	The regulations for a general alarm system on a towing vessel require all of the following EXCEPT that it _____.	be capable of notifying persons in any accommodation, work space and the engine room	have a contact maker at the operating station	have a flashing red light in areas that have high background noise	be used instead of the public address system	
4	4020	D	The control panel of a fire detection system must have all of the following EXCEPT _____.	a power-available light	an audible alarm to notify the crew and identify the origin of the fire	a means to silence audible alarms while maintaining visible alarm lights	a way to bypass the entire panel if it malfunctions	
4	4024	D	In the towing vessel fire protection regulations, all of the following are fire detection requirements, EXCEPT that _____.	the control panel must have labels for all switches and indicator lights	the detection system must be powered from two sources, with the switchover being either manual or automatic	there must be a circuit-fault detector test-switch in the control panel	none of the above	
4	4028	C	Fire protection regulations for towing vessels allow all of these types of fuel piping, EXCEPT _____.	steel	aluminum in an aluminum-hulled vessel	schedule 80 fire resistant plastic pipe	nickel-copper, copper-nickel or annealed copper	
4	4030	A	Fire protection regulations for towing vessels require any fuel line subject to internal head pressure from fuel in the tank to _____.	be fitted with a positive fuel shut-off valve located at the tank	have a shut-off valve at the top of the tank	have a gate valve easily accessible in the space where the tank is located	have a drain cock at the lowest point in the fuel line	
4	4032	D	Towing vessel fire protection regulations require that all fuel tank vent pipes comply with all of the following provisions EXCEPT that the vent _____.	connects to the highest point of the tank	system discharges on a weather deck through a U-shaped 180 degree pipe bend	be fitted with a 30-by-30 corrosion resistant flame screen	must have a positive-acting shut-off valve to prevent water from entering the tank in heavy weather	

4	4038	A	Fire protection regulations for towing vessels require all crew members to know how to perform each of these tasks EXCEPT _____.	start the mechanical ventilation system for the engine room	operate the fuel shut-off for the engine room	operate all fire extinguishing equipment aboard the vessel on board the vessel, including starting the fire pump	All of the above	
4	4040	D	Fire protection regulations for towing vessels require training in all of the following, EXCEPT _____.	putting on a fireman's outfit, if the vessel is so equipped	donning a self-contained breathing apparatus, if the vessel is so equipped	activating the general alarm and reporting inoperative alarm systems and fire-detection systems	refilling and servicing all expended fire extinguishing equipment	
4	4046	C	Fire protection regulations for towing vessels require that drills be conducted on board the vessel as if there were an actual emergency. Drills include all of the following, EXCEPT _____.	testing all alarm and detection systems	breaking out and using the vessel's emergency equipment	participation by selected crew members	one person putting on protective clothing, if the vessel is so equipped	
4	4048	C	Fire protection and manning regulations for towing vessels state that the Master or person in charge must ensure that all crew members who have not participated in the drills or received the safety orientation _____.	receive a safety orientation or view a videotape before the vessel gets underway	view a videotape on safety procedures within 48 hours of reporting for duty	receive a safety orientation within 24 hours of reporting for duty	none of the above	
4	4049	B	The owner or Master of a towing vessel shall ensure that all tests and inspections of gear take place and are logged _____.	on each watch, immediately before being relieved	before embarking on a voyage of more than 24 hours	daily, at 1200 local zone time	weekly, before 0000 Sunday	
4	4050	A	The owner or Master of a towing vessel shall ensure that all tests and inspections of gear take place and are logged _____.	when a new Master assumes command	daily, at 0800 local zone time	weekly, before 2400 Saturday	immediately after assuming the watch	
4	4052	B	The test of a towing vessel's steering gear control system includes each item EXCEPT _____.	a test from the alternative power supply, if installed	timing the movement of the rudder from hard over to hard over	verification that the rudder angle indicator shows the actual position of the rudder(s)	visual inspection of the steering linkage	
4	4058	C	When the owner or Master inspects his/her towing vessel before embarking on a voyage of more than 24 hours, he/she must check all terminal gear EXCEPT _____.	the connection of the bridle and towing pendant	chafing gear	quick release towing hook and control system, to see that it operates properly	the winch brake, if installed	

4	4060	B	After an item of required safety equipment on a towing vessel fails, the owner or Master must consider all of these factors before continuing the voyage, EXCEPT the _____.	weather conditions, including visibility	estimated time of arrival promised to the customer	safety of the vessel, considering the other traffic in the area	dictates of good seamanship	
4	4062	C	The owner or Master of a towing vessel that is operating within a Vessel Traffic Service (VTS) area must report all of the following to VTS as soon as practicable EXCEPT _____.	any malfunction of propulsion machinery, steering gear, radar, gyrocompass or depth-sounder, if installed	shortage of personnel, lack of charts, maps or other required publications	the type of license he/she holds and its serial number	any characteristics of the vessel that affect its maneuverability	
4	4069	D	In the illustration, the sea anchor is number _____.	1	12	14	18	D014SA
4	4082	A	A towing vessel is NOT required to be fitted with radar if it is _____.	used solely for assistance towing	under 65 feet in length	used exclusively on the Western Rivers	pushing ahead	
4	4084	B	A towing vessel is NOT required to be fitted with radar if it is _____.	used occasionally to assist vessels in distress	used solely for pollution response	less than 49 feet in length	towing alongside	
4	4093	D	Towing vessels of more than 39.4 feet in length must carry charts or maps _____.	of the area to be navigated	with enough detail to make safe navigation possible	of the current edition or currently corrected edition	All of the above	
4	4328	D	Kevlar sails, when not in use, may be damaged if _____.	left in the sunlight	washed with water and bleach	folded frequently	All of the above	
4	4329	A	On a tank vessel, each high level alarm and tank overfill alarm must be tested _____.	no earlier than 24 hours prior to loading	no later than 24 hours prior to loading	anytime prior to loading	weekly	
4	4330	C	Which vessel is required to carry a Category I, 406 MHz EPIRB installed to automatically float free and activate? (small passenger vessel regulations)	A vessel operating within 3 miles from the coastline in the Gulf of Mexico.	A vessel operating on the ocean within 5 miles from the coastline.	A vessel operating beyond 3 miles from the coastline of the Great Lakes.	A vessel operating exclusively on inland waters.	
4	4332	A	Which statement about pneumatic chipping tools is TRUE?	The equipment shall be secured to the hose by a quick-disconnect coupling to prevent the tool from becoming accidentally disconnected.	The equipment must be grounded to prevent shock hazard.	The chipping mechanism is made of non-sparking material that is safe to use near explosive atmospheres.	The needles of the needle-type chipping gun must be replaced when they have been blunted more than ½ of their diameter.	

4	4338	C	When using a pneumatic chipping tool all of the following are TRUE except?	The equipment is not required to be grounded to prevent shock hazard.	It is not intended to be used in an explosive atmosphere.	The needles of the needle-type chipping gun must be replaced when they have been blunted more than ½ of their diameter.	The equipment shall be secured to the hose by a quick-disconnect coupling to prevent the tool from becoming accidentally disconnected.
4	4339	C	You are preparing to load fuel oil on a vessel of 150 gross tons constructed after June 30, 1974. Before loading, you must check that the fuel oil tank vents _____.	are not obstructed by on-deck cargo	have a fire extinguisher within the immediate area	have portable containment capacity for at least 5 gallons	are opened and the flame screen replaced
4	4342	C	When is direct voice communication allowed in place of an internal communication system between the engine room and the operating station on a towing vessel?	When the vessel is less than 26 meters in length	When the vessel is ruled to be an "existing vessel"	When the controls at the operation station are within 10 feet of the engine room access	When a person's voice can be heard better than a portable radio with existing background noise
4	4343	C	Where must the draft marks be placed on a small passenger vessel?	On each side of the stem	Near the stern post or rudder post	At each end of the vessel	On each side, amidships
4	4344	A	An advantage of a dry chemical over a carbon dioxide fire extinguisher is its _____.	greater range	cooling ability	cleanliness	All of the above
4	4382	C	You are on the cargo vessel represented in the blue pages of the Stability Data Reference Book. Your present KG is 22.3 feet and the drafts are FWD 21'-07", AFT 22'-05". The following cargo must be loaded: (1) 1120 tons, KG 33 feet; (2) 990 tons, KG 25 feet. How many tons of deck cargo with a KG of 47 feet may be loaded if the ship is to sail with a GM of not less than 2.1 feet and not exceed the freeboard draft?	0 tons	60 tons	118 tons	149 tons
5	262	A	You are northwest of Port Jefferson Harbor steering 242° per standard magnetic compass. As you continue westward, you see that the Port Jefferson Range Front Light and Rear Light come into line. If the deviation table is correct, the bearing of the range should be _____.	157°psc	160°psc	163°psc	166°psc

5	2118	C	You are northwest of Port Jefferson Harbor steering 242° per standard magnetic compass. As you continue westward, you see that the Port Jefferson Range Front Light and Rear Light come into line. If the deviation table is correct, the bearing of the range should be _____.	140°psc	146°psc	157°psc	160°psc
5	2123	D	At 0410, you take the following bearings: New Point Comfort Light "2" 244°pgc Wolf Trap Light 315°pgc What is your 0410 position?	LAT 37°21.2'N, LONG 76°08.3'W	LAT 37°21.1'N, LONG 76°08.8'W	LAT 37°21.1'N, LONG 76°07.9'W	LAT 37°21.0'N, LONG 76°08.1'W
5	2124	A	If the visibility is 10 miles and you are in the red sector, at what distance off should you sight Cape Henry Light?	15 miles	12 miles	10 miles	08 miles
5	2125	C	From your 0410 fix, what is the course per standard magnetic compass to enter York Spit Channel with buoy "29" close abeam to starboard?	172°psc	176°psc	198°psc	202°psc
5	2245	B	You are entering the channel at buoy 29 and turning for 9 knots. An easterly wind is causing 3° of leeway and the current is 320°T at 1.2 knots. What true course should you steer to remain in the middle leg of York Spit Channel?	162°T	165°T	168°T	171°T
5	2325	B	Which publication contains specific information on the characteristics of Chesapeake Bay entrance?	Sailing Directions	Coast Pilot	Chesapeake Bay Harbor-master's Manual	Navigator's Manual - Chesapeake Bay
5	2326	A	The Coast Guard announces that Chesapeake Channel is closed indefinitely due to a collision in the channel between Trestle "B" and "C" of the Chesapeake Bay Bridge and Tunnel. You exit York Spit Channel, leaving buoy "22" close abeam to port at 0.1 mile, and alter course to leave Horseshoe Crossing Lighted Bell Buoy "HC" abeam to port at 0.2 mile. What is the course per gyrocompass?	185°pgc	188°pgc	191°pgc	194°pgc

5	2327	C	After you enter Thimble Shoal Channel, you will alter course to pass between Trestle "A" and "B". Based upon your present position, passing buoy "12" to port, what is TRUE?	You are required to proceed outbound in the North Auxiliary Channel to avoid ferry traffic	You may proceed outbound in Thimble Shoal Channel	You should cross the main channel and proceed outbound in the South Auxiliary Channel	Water depth is 38 feet.	
5	2328	B	As you pass through the Chesapeake Bay Bridge and Tunnel, you sight Trestle "B" in line bearing 018°pgc. What is the gyro error by observation?	2°E	0°	2°W	4°W	
5	2329	A	You sighted Trestle "B" in line at 0706 and are steering 108°T. At 0731, Cape Henry Light bears 136°T; Cape Charles Light bears 032.5°T; and Thimble Shoal Tunnel South Light bears 282°T. What was the speed made good between 0706 and 0731?	8.3 knots	8.8 knots	9.2 knots	9.4 knots	
5	2330	B	At 0731, what is the approximate depth of water?	31 feet (9.4 meters)	41 feet (12.5 meters)	52 feet (15.7 meters)	58 feet (17.6 meters)	
5	2331	D	What is the coastwise distance from your 0731 fix to Wilmington, DE (LAT 39°43.2'N, LONG 75°31.5'W)?	339 miles	309 miles	245 miles	221 miles	
5	2332	A	If you are making 8.3 knots over the ground, what is your ETA at the turning point in York Spit Channel at buoy "29"?	0521	0509	0459	0448	
5	2402	D	You will enter waters governed by the International Rules when _____.	you cross the territorial sea boundary line	enter the pilotage area	you cross the boundary of the contiguous zone	Cape Henry Light bears 202°T	
5	2403	C	At 0812, you take the following loran readings: 9960-X-27155.2 9960-Y-41264.5 9960-Z-58536.2 What is your 0812 position?	LAT 36°53.7'N, LONG 75°56.0'W	LAT 36°53.8'N, LONG 75°56.1'W	LAT 36°54.4'N, LONG 75°55.9'W	LAT 36°54.6'N, LONG 75°55.8'W	
5	2404	B	At 0812, you are on course 132°T. The standard magnetic compass reads 135°. What should you conclude?	The deviation table is correct for that heading.	Your compass may be influenced by a local magnetic disturbance.	You should adjust the magnetic compass.	The deviation is increasing as you go south.	
5	11107	A	What is the time (Daylight Savings Time) of the first high tide on 1 July 1983 at Great Salt Pond on Block Island?	0027	0448	1158	1203	

5	11810	D	What is the true course to steer between Horton Pt. Light and a position 2 miles due south of Branford Reef Light, if the set and drift of the current are 40°T at 1.5 knots, and an easterly wind will cause 3° of leeway? Your engines are making turns for 12 knots.	277°T	283°T	288°T	291°T
5	12610	B	You are on course 061° per standard magnetic compass when you take the following bearings: Bartlett Reef Light 070°psc Saybrook Breakwater Light 010°psc Horton Pt. Light 235°psc What is your position?	LAT 41°10.4'N, LONG 72°19.6'W	LAT 41°11.2'N, LONG 72°20.6'W	LAT 41°13.7'N, LONG 72°23.9'W	LAT 41°15.4'N, LONG 72°24.3'W
5	15768	A	At 0830, Watch Hill Point bears 343°T at 3.5 miles by radar. What was the speed made good since 0745?	7.1 knots	6.7 knots	5.8 knots	5.4 knots
5	15820	C	You are northwest of Port Jefferson Harbor steering 242° per standard magnetic compass. As you continue westward, you see that the Port Jefferson Range Front Light and Rear Light come into line. If the deviation table is correct, the bearing of the range should be _____.	140°psc	146°psc	157°psc	160°psc
5	16070	C	When exiting Thimble Shoal Channel bound for Norfolk, the track line based on the lights of the Norfolk Entrance Reach Range is _____.	220°T	222°T	224°T	228°T
5	16266	D	The abandoned lighthouse at Cape Henry is a(n) _____.	octagonal, black and white tower	radio beacon station	emergency back up to Cape Henry Light	gray, pyramidal tower
5	16519	D	As you head toward Great Salt Pond, visibility is unlimited. At what time will you lose sight of Montauk Pt. Light?	0905	0928	0950	It will remain visible to Great Salt Pond.
5	16708	A	At 0520 you are on course 243°pgc at 12 knots. What is the course per standard magnetic compass?	263°psc	258°psc	233°psc	227°psc
5	16744	D	You continue to steer 285°pgc from your 0052 fix. Your speed is 9.2 knots. What is the course per standard magnetic compass?	273.5°	276.0°	298.0°	302.0°