

## OIC - EW: COMPETENCE 10

### Ensure Compliance with Pollution-Prevention Requirements

1	Annex II of Marpol 73/78 applies to regulations for the ____.			
	prevention of pollution by harmful substance	control of pollution by noxious liquid substances	prevention of pollution by oil	prevention of pollution by sewage
2	Any spoiled or unspoiled victual substances, such as fruits, vegetables, dairy products, poultry products and all other materials contaminated as waste is called_.			
	spoilage	garbage	food waste	food emulsification
3	Each completed page of the Oil Record Book must be signed by the_____.			
	Engineer on watch	Chief Engineer	Chief mate	Master
4	In ship construction, which of the listed strengthening members act to support the decks?			
	Pillars	Girders	Bulkheads	All of the above
5	Mandatory on the shipboard oil pollution emergency plan is_____.			
	Reporting requirements	Removal equipment list	Plan exercises	Safety of Life at Sea Certificate
6	The discharge of waste in any form from toilets, urinals and scuppers is called_____.			
	wastage	sewage	garbage	emission
7	The most frequent accidents of tanker pollution occurring during tanker operations is_____.			
	Due to collisions	routine discharge of oil	Loading and discharging	grounding
8	The Pollution Prevention Regulations (33 CFR) requires that no person may transfer oil to or from a vessel unless:			
	all necessary components of the transfer system are lined up before the transfer begins	all unnecessary parts of the transfer system are open and drained	the transfer system is connected to a flexible overflow fuel hose	the transfer system is connected to an automatic back pressure shutoff nozzle

9	The term for all types of food and waste generated in living spaces on board ship is _____.			
	domestic waste	material waste	living waste	noxious waste
10	Under what conditions would the oily-water separator system fail to effectively process a mixture of oily-water?			
	When the oily-water mixture is an emulsion the effectiveness of the separator is greatly reduced	Without detergents the effectiveness of the separator is greatly reduced	When there are small air leaks, in the discharge piping, the effectiveness of the separator will greatly reduced	When the oily-water separator is in the process mode it will effectively handle emulsion
11	What are the possible consequences of shipboard operations that is a risk to environment?			
	Explosion	Marine pollution	Fire	Sinking
12	What is the probable cause if there is an indication of low vacuum while the oily-water separator is operating in processing mode?			
	The bilge suction is completely flooded	The coalescer is severely fouled	The flow control valve	The bilge suction is completely flooded
13	What would the crew do in case of an oil fire on deck ?			
	Get water on deck	Open steam or CO2 smothering system to cargo holds	Close off all ventilation, blowers, doors, etc.	All of these choices
14	When there is sufficient reason that the relieving officer is NOT capable of watch keeping duties, the outgoing in charge of the engineering watch should__.			
	Notify the chief engineer officer	Stop the main engine immediately	At the poop deck and wait for the call of the able seaman	In a ship compartment that has an alarm
15	Which of the following refers to a mixture with any oil content?			
	Oily bilge	Oily waste	Oily mixture	Oily water
16	Which of the following substances, if introduced into the sea, is liable to create hazards to human health and marine life?			
	Dunnage	Oil products	Noxious liquid	Oil noxious

17	A ship designed to carry either oil or solid cargoes in bulk is known as_____.			
	general cargo vessel	combination carrier	special vessel	oil tanker
18	A tank which has been sealed for a long time can be dangerous for human entry because_.			
	Steel surfaces consumes oxygen by rusting	Sealed tank usually form a vacuum	Moisture displaces oxygen	Tank coatings gives off toxic fumes
19	All types of food wastes generated in the living spaces on board the ship are known as_____:			
	domestic waste	matter waste	living waste	noxious waste
20	An ocean going ship of 400 gross tons and above must be fitted with a standard discharge shore connection. What is the size of the bolt circle diameter of the shore connection required to transfer only ballast to a shore side reception facility?			
	125 mm	183 mm	215 mm	It depends on outside pipe diameter
21	Annex IV Regulations for the Prevention of Pollution by Sewage from Ships entry into force on what date?			
	27 September 2003	2 October 1983	31 December 1988	19 May 2005
22	Comminuted or ground garbage which will be discharged into the sea must be able to pass through a screen with a mesh size no larger than:			
	25 millimeters	50 millimeters	75 millimeters	100 millimeters
23	During discharging of oil cargo, your vessel started to surge badly along the dock, what would you do?			
	Slack off the mooring lines	Place warning signs in vicinity	Stop discharging operation, attend mooring lines	Abandon ship
24	If you discovered oil around your vessel, you are obliged to_____.			
	notify the bridge	notify the coast guard	shut down the transfer operation immediately	close all oil valve

25	In the regulations implementing MARPOL, a vessel is obligated to have an International Oil Pollution Prevention (IOPP) certificate when the ship_____.			
	Is drilling on the Outer Continental Shelf	Moves to new drilling location in U.S. waters	Engages in a voyage to a port of another country which is a party of MARPOL	Check for serious burns on the body
26	Oil Pollution Regulations (33 CFR) require any transfer or discharge of oil or oily mixtures to be recorded in the_____.			
	bridge log	master's log	Engine room log	oil record book
27	Scuppers on deck during bunkering should be plugged ____.			
	Only if fixed containment drains are open	Whenever the vessel is being fueled	Extinguisher will need to be recharged	Powder conducts electricity back to the fire fighter
28	The grounding of Exxon Valdez off Alaska Coast lead to the creation of__.			
	OPA 90	Marpol	IOPP	ISM
29	The Oil Record Book must be kept on board ship for at least _____.			
	6 months and then submitted to the nearest Marine Safety Office	after An annual inspection	not less than 3 years and readily available for inspection	five years
30	The Pollution Prevention Regulation state that a ship's oil bilge may be pumped out in port only if it is _____.			
	permitted by port authorities	discharged to a slop barge or shore tank	inspected by local pollution inspector	approved by master or chief engineer
31	The Pollution Prevention Regulations (33 CFR) requires an emergency means of stopping the flow of oil during oil transfer operations. The emergency means must be operable from the_____.			
	bridge	engine room	emergency operating station of the person-in- charge	usual operating station of the person-in- charge
32	The sections of an Oil Record Book preceding the log pages contain a_____.			
	damage control plan for isolating fireman values	list of machinery space operation items	complete classification of hazardous materials	detailed listing of all organizations to call in the event of an accidental oil spill

33	To do in the event of a small bunker oil spill on deck while fueling is _____.			
	Wash down the area immediately with a fire hose	Cover the area with saw dust	Leave the UMS selector switch to UMS mode	The operating water tank is full of water
34	Water drains from toilet is commonly known as?			
	Gray water	Bilge water	Black water	Toilet water
35	What kind of vessel is allowed to carry oil or product oil, or both simultaneously?			
	Mineral oil carrier	Crude oil/product carrier	Ore carrier	General product carrier
36	What will cause the throughput of oily-water separator to decreased when operating in the processing mode?			
	A decreased in the processing ability may be cause by a worn pump internals	The throughput of the separator varies while in the processing mode as determined by the quantity of oil in the emulsion	The flow control valve is open excessively wide and permitting an excessive amount of bilge water to enter the separator, resulting in an overload	The throughput of the separator may be reduced if the inlet valve remains open during processing mode
37	When making entries in the Oil Record Book, all quantities should be _____.			
	record as cubic meters with a conversion to barrels	consistently recorded through the Oil Record Book in one specified unit (gallons, barrels, cubic meters)	verified by the Chief Engineer	record directly from the oil discharge monitor
38	Which is the best way to ensure adequate oxygen is present for safe entry into a seldom used cargo tank?			
	Test tank atmosphere using a combustible gas indicator	Check for rust inside the tank	Open the air vent prior to entry	Ventilate the tank with fresh air and test with an oxygen indicator

39	Which of the following can be considered as a cargo- associated waste and maintenance waste cargo residues?			
	Domestic waste	Operational waste	Emitted waste	Waste oil
40	Which of the following is used as fuel in connection with the machinery propulsion?			
	Fuel oil	Coal	Crude oil	Bunker oil
41	Which of the following types of ships log books where entries of the loading and unloading operation of noxious liquid substances should be recorded?			
	The log Book	A cargo record book	The ship's manual	The oil record book
42	Which of the following vessels is NOT exempt from mandatory requirements on ballast water management for control of non- indigenous species in waters of the United States?			
	United States Navy frigate.	A vessel engaged in the foreign export of Alaskan North Slop Crude Oil.	A passenger vessel equipped with a USCG approved system designed to kill aquatic organisms in ballast water.	A crude oil tanker engaged in the coastwise trade.
43	Why is it important for double bottom fuel oil tanks not to be topped off when loading fuel at cold temperatures?			
	Increased viscosity of the product needs higher loading pressure, which increases the chances of a spill.	Air pockets may cause the fuel to bubble out of the ullage hole.	A temperature rise of the fuel will cause an overflow from the tank vent.	Fueling valve may become stuck closed and cause the fuel oil to spill before the valve can be opened.
44	A Crude Oil Wash (COW) system is considered as:			
	a water operated Butterworth system	a mechanism which filters and purifies crude oil	a Butterworth system using crude oil instead of water as the cleaning medium	a cleanup for pump room bilges

45	A solid material which contains synthetic polymers is called_____.			
	glass	asbestos	plastic	hose plastic
46	After chemically cleaning a fuel oil tank aboard ship in port, you should dispose of waste oil to the_.			
	sewer connection	oil and water separator	slop barge or holding tank	reclaiming the oil tank
47	An event involving the actual or probable discharge into the sea of a harmful substance, or effluents containing such substance is termed as_.			
	accident	discharging	incident	pollution
48	Annex III Regulations for the Prevention of Pollution by Harmful Substances carried by Sea in Package Form entry into force on what date?			
	1 July 1992	6 April 1987	27 September 2003	2 October 1983
49	Annex VI Regulations for the Prevention of Air Pollution from Ships entry into force on what date?			
	19 May 2005	6 April 1987	27 September 2003	1 July 1992
50	Before you become in charge of oil transferring operation on board a self propelled tank vessel, you must_.			
	Would be 30 years old	Hold a valid officer's license for tanker vessels	letter from the company indicating that he is qualified	Be a certificated tanker man
51	If the flow control valve indicates an unusually high vacuum while the oily-water separator is in operation, what is the most probable cause?			
	It indicates a restriction in the inlet piping	It is the result of the flow control valve being excessively throttled	The result of the coalesce beds being installed in reverse order	This type of oily-water separator always operates with an unusually high vacuum

52	In cleaning up an oil spill, the use of straw and reclaimed paper fibers would be an example of what kind of oil removal?			
	Chemical agent removal	Mechanical removal	Absorbent removal	None of the above
53	It is NOT a mandatory requirement of the shipboard oil pollution emergency plan.			
	Diagrams	Steps to control a discharge	National and local coordination	Reporting requirement
54	The term "discharge" as it applies to the pollution regulations, means:			
	spilling	leaking	pumping	All of the above
55	What is the possible problem if a gurgling noise is heard at the cargo tank when discharging cargo?			
	Pump is sucking air	Tank foot valve is partially clogged	Tank liquid is too viscous	Pump discharge pressure is excessive
56	When operating an oily-water separator, why is it necessary to avoid detergents mixing with the bilge water?			
	The detergent may cause the oil and water to become an emulsion which this unit is not capable of separating	The detergent will foam causing the main bilge pump to become air bound	The detergent will agitate within the separator and cause it to explode	The detergent will damage the special protective coating in the inside of the unit
57	A ship constructed or adopted primarily to carry oil in bulk, its cargo spaces includes combination carriers of_____.			
	bulk carrier	automobile carrier	oil tanker	general cargo vessel
58	A ship is required to carry an Oil Record Book to log entries in the book regarding the_____.			
	sounding levels of all fuel tanks on a daily basis	grade and specific gravity of all fuel oil carried	discharge of ballast or cleaning water from fuel	tanks
59	A tank for the collection and storage of sewage is_____.			
	settling tank	holding tank	sludge tank	general service tank



60	According to Pollution Prevention Regulations (33 CFR), no person may connect or disconnect an oil transfer hose or engage in any other critical oil transfer operation on a tank vessel unless_.			
	that person holds a tankerman endorsement	that person holds a valid port security card	designated person-in- charge supervises that procedure	that person holds a license as master, mate
61	All victual, domestic and operation waste such as fresh fish and parts thereof is known as_.			
	pollutant	sewage	garbage	left over
62	Annex I Regulations for the Prevention of Pollution by Oil entry to force on what date?			
	6 April 1987	2 October 1983	1 July 1992	27 September 2003
63	Annex II Regulations for the Control of Pollution by Noxious Liquid Substances in Bulk entry to force on what date?			
	2 October 1983	6 April 1987	31 December 1988	19 May 2005
64	Annex V Regulations for the Prevention of Pollution by Garbage from Ships entry into force on what date?			
	31 December 1988	27 September 2003	2 October 1983	1 July 1992
65	Any tank adjacent to the side shell plating of a vessel is known as_.			
	access tank	base tank	wing tank	crude tank
66	December ____ 1988 Annex V Presentation of Pollution by garbage from ship was entered into force.			
	31	30	13	3
67	During loading the cargo hose joint or coupling starts to leak badly what would you do ?			
	Reduce pumping pressure and wrap leak securely	Shut down transfers and make repairs	Soak spills with sawdust and reduce pumping pressure	Wash deck immediately and close tank tops

68	If a cup of oil is spilled during fueling & causes a sheen upon the water it ___.			
	must be reported to the fire department	must be reported to the coast guard	must be reported to the harbor master	need not be reported since the spill was less than 250 barrels
69	In cleaning up an oil spill, the use of chemical agents would_____.			
	Absorb the oil for easy removal	Remove the oil from water	Disperse or dissolve the oil in the water	Not affect the oil
70	In the Oil Record Book a comprehensive list of operational items are grouped into operational section codified by a/an			
	abbreviation	Letter	number	all of these choices
71	International Oil Pollution Prevention (IOPP) Certificates are required for oil tanker at or above:			
	100 gross registered tons	150 gross registered tons	300 gross registered tons	400 gross registered tons
71	Oil Pollution Prevention Regulations states that a ship's oil bilge slops may be pumped in port only if _____.			
	Discharge is led to a slop barge or shore tank	Local port authority gives permission	Engineer on watch has signed the declaration of inspection	Local port authority has completed the required pollution inspection
72	Passenger vessels shall maintain an Oil Record Book, if the vessel is_____.			
	100 gross tons	200 gross tons	300 gross tons	400 gross tons and above
73	Records of garbage disposal are required to be maintained_____.			
	until each quadrennial coast guard inspection	until the end of each voyage	for a minimum of one year	for a minimum of 2 years
74	The drainage from laundry, bathroom and washbasin drains but does not include drainage from toilets, urinals, hospital and animal spaces is called_____.			
	blue water	dishwater	greywater	cutwater

75	The most common type of containment device for spilled oil on the water is the use of ____.			
	booms	straw	skimmers	chemical dispersants
76	The most critical time for preventing an accidental oil spill during bunkering is when the ____.			
	Tanks are being topped-off	Fuel begin to enter tank	Hoses are being disconnected	Hoses are being blown
77	The noxious substance which should remain on board until it can be disposed in a reception facility ashore is called ____.			
	sludge	pollutant	residue	emulsion
78	The oily-water separator has just been internally cleaned and an inspection was carried out and the unit found to be lined up although the compound gauge indicates an unusually high vacuum, what is your next step?			
	Close off control valve	Check the bilge water inlet strainer	Reseat the relief valve	Retighten all the cap screws on the lid
79	The pollution prevention regulation state that liquid waste collected in drip pans, buckets, or tanks should be disposed by ____.			
	discharging ashore into the sewer system	sealing in disposable plastic barrels aboard ship	transferring to the local port authority incinerator	discharging into slop barge or shore tank
80	The practice to be done when a vessel is in port and necessary to pump bilges is to pump only ____.			
	If the discharge is led to a shore tank or barge	During the hours of darkness	As much as necessary	None of the above
81	The tank or space used to accumulate sewage onboard__.			
	holding tank	collecting tank	bilge tank	slop tank
82	The term "oil" as defined in the Pollution Prevention Regulation means ____.			
	Petroleum in any form	Animal or vegetable based oil	Noxious liquid substances designated under Annex II of Marpol 73/78	All of the above

83	The validity of Nuclear Passenger Ship Safety certificates and nuclear cargo ship safety certificates shall not be more than __.			
	6 months	12 months	36 months	24 months
84	Tiny droplets of fuel particles attract to one another to form a large diameter is__.			
	Sedimentation	Coalescence	Fluctuation	Floatation
85	Under MARPOL 73/78 Annex 1 of oil pollution prevention oily mixtures from the cargo tank should only be conducted when_____.			
	oil discharge monitoring and control system is operational	it will be discharged to the engine room fuel tank	transfer pump has automatic cut-out	oil discharge separator motor is operational
86	Waste oil from engine lube oil pumps should be collected in the_____.			
	oil recovery tank	slop tank	engine room bilges	oily bilge tank
87	What does VRP mean?			
	Vessel response Procurement	Vessel Response Plan	Vessel Report Plan	Vessel Report Procurement
88	What is the condition of the oily-bilge separator, if the compound gauge indicates a slight vacuum while the unit is in discharge mode?			
	Fouled and needs cleaning	Operating correctly, but requires the gauge to be replaced	Operating correctly without the need for any modification	Not operating correctly and also needs the gage to be replaced
89	What kind of garbage collected from living quarters & accommodation?			
	Living	Domestic	Noxious	Crude
90	What makes the Oil Pollution Act of 1990(OPA 1990) different from other International recognized Law?			
	Possibility of limited liability	Federal responsibility for response	Possibility of unlimited liability	federal (National) responsibility for cleaning up.

91	What term is used to a vessel allowed to carry crude oil but is prohibited from carrying product oil?			
	Crude oil tanker	Natural gas carrier	Product gas carrier	Ore carrier
92	When a fuel oil tank is being topped off during bunkering operations, the tank valve should be closed:			
	slowly to prevent surge stresses	to prevent gas from escaping through the pressure-vacuum relief valves	after the shore pumps are stopped	rapidly to prevent overflow
93	When making entries in the Oil Record Book, the date, operational code, and item number shall be inserted in the appropriate columns. Furthermore, the required particulars shall be_____.			
	record only for accidental oil discharge	recorded only for operations involving discharge of oily wastes	recorded chronologically in the blank space	signed by the oiler who enters them in the oil record book
94	When oily water ballast has been pumped overboard an entry must be made in the_____.			
	deck log book	engine log	oil record book	bridge logbook
95	Which is not included in the special areas?			
	Arabian Sea	North Sea	Mediterranean Sea	Baltic Sea
96	Which of the circumstances listed is an exception to the garbage discharge requirements in Annex V to MARPOL 73/78?			
	The garbage to be discharged will sink.	Garbage accumulate on onboard has exceeded storage space.	A person falls overboard, and a plastic ice chest is thrown for flotation.	The destination port or terminal cannot receive garbage.
97	Which of the following ballast in a tank which was used to load crude oil in the past and if it were discharge from a ship would not produce visible oil on the furnace with water or adjoining shoreline?			
	Oily water	Segregated	Clean	Raw water
98	Which of the following is a liquid hydrocarbon mixture occurring naturally in the earth?			
	Crude oil	Mineral oil	Natural oil	Linseed oil

99	Which of the following officers shall sign entries in the oil record book?			
	Master and chief engineer	1st Assistant Engineer and Chief Mate	Chief Engineer, Master and officer who conducted the transfer operations	Engineer On watch and Deck Officer on watch
100	Which of the following tank is considered as permanent and only clean sea water is admitted for trimming of ship?			
	Clean ballast hold	Segregated ballast tank	Tracer tank	Return tank
101	Which of the following vessel is designed to carry either oil or solid cargoes in bulk?			
	Reserved	OBO	Shipping	Training
102	Which types of vessel does OPA-90 apply?			
	All types of vessel	Vessel carrying more than 10,000 galloon of oil, irrespective of whether cargo or bunker	Tanker vessel whether carrying oil or other dangerous cargo	All types of tanker vessel
103	Who should inspect before use, to ensure that a welding and flame cutting equipment is in a serviceable condition?			
	Master	Chief engineer	Fitter	Competent person
104	You should immediately leave a newly entered tank when you ____.			
	Smell an unusual odor	Eyes and throat get irritated	Experienced bodily sensation	All of these choices