

**Stolt Refresh SH and BRM Course. Pre-test Questionnaire, 2019.**

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<b>Position</b>	<b>3rd Mate</b>	<b>Vessel</b>	<b>Stolt Surf</b>
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<b>No.</b>	<b>Question</b>		<b>Reply</b>		<b>M</b>
1	When a ship moves with a following current, what should the master consider, in order to improve the maneuverability of vessel and to keep the vessel safe from approaching too close to any obstructions or shallow water?	1	use tug assistance.		4
		2	run at a lower speed than that of the current		
		3	keep the bow thruster ready for course correction	x	
		4	run at a higher speed than that of the current		
2	A vessel is equipped with a high lift Becker rudder. What would be maximum rudder angle that can be used at full sea speed for Williamson turn?	1	35°		10
		2	25°		
		3	15°	x	
		4	5°		
3	What is the main hazard when the vessel's speed is higher than the following current speed when transiting a river?	1	the vessel might have a lower possibility to maintain her controllability		4
		2	such speed might lead to frequent overtaking of other vessels and interaction effects		
		3	such speed may be too fast over ground		
		4	it will increase the ship's squat	x	
4	During a ship to ship operation where should the standby tug assist (The mother vessel is at anchor and started to jaw due to wind reinforcement)?	1	stand by and assist by request of any of two vessels		11
		2	stand by and assist for mooring and sailing operations only		
		3	carry additional ropes from one ship to another as ordered by the mooring master		
		4	endeavor to hold the anchored (yawing) vessel steady	x	
5	During the maneuvering in the restricted waters, the use of shaft generator ...	1	is recommended		10
		2	is not recommended	x	
		3	makes no difference, it is up to the Chief Engineer		
		4	makes no difference, it is up to the Captain		

6	In relation to the squat effect which sentence is correct?	1	Squat increases the vessels draft as soon as she approaches the deepest water.		6
		2	The decrease in the vessels speed will reduce the squat.	x	
		3	The increase in the vessels speed will reduce the squat.		
		4	The decrease in the vessels speed will increase a bow sink age of the vessel.		
7	A running moor type of anchoring is performed when the vessel is?	1	at anchor at sea anchorage		7
		2	at anchor at sea anchorage during the adverse weather		
		3	at anchor on the river	x	
		4	at anchor near the berth		
8	During berthing vessel's draft is 10m, depth of water on the berth is 30m. How will the water depth at the berth effect the vessel maneuverability?	1	No effect, because the tug's pushing force exceeds the shallow water effect.	x	9
		2	No effect, because it is the deep water.		
		3	Her bow will swing to starboard if she has a right-handed propeller.		
		4	Her stern will swing to starboard if she has a right-handed propeller.		
9	Who has responsibility and authority for the number of tugs to be ordered and use of tugs during mooring operations?	1	The Company Safety Management System DP		9
		2	The Pilot		
		3	The Master	x	
		4	The Harbor Master		
10	You are a tanker equipped with a low RPM diesel engine, no bow thruster and a fixed right handed propeller. How would you make a 180 degree turn in restricted sea area?	1	You should perform turn to starboard.		7
		2	full astern for a short period of time (kick). When the ship will start her stern way make hard to starboard and full ahead (also kick). Repeat it until she is on the opposite course.	x	
		3	You should perform the turn to port.		
		4	Go ahead and find place for safe turning.		
11	It is of special importance that at all times the officer in charge of the navigational watch ensures that...	1	all LSA and FSS equipment functioning well		6
		2	the proper communication with the engine control room is established and maintained at all times		
		3	a proper look-out is maintained	x	
		4	all alternatives are correct		

12	What is the wind effect on a vessel with a high freeboard when the wind is from a beam direction.	1	a more narrow channel for her passage		4
		2	a wider lane for her passage	x	
		3	to increase her speed in order to maintain the same lane as before		
		4	tug assistance when entering the port		
13	The crew member was missed during the ship's passage at sea. It was reported that he had not been seen since dinner (2 hours ago). Which of the following maneuvers is most appropriate?	1	Scharnow turn		3
		2	Single command turn		
		3	Williamson turn	x	
		4	Quick opposite course turn in combination with autopilot following ship's track as recommended by Wheelhouse maneuvering table.		
14	You are berthed with a steady offshore wind of 10 knots, which suddenly increases up to 20 knots. When this happens, the force driving the ship off-berth will be:	1	4 times stronger (quadrupled)	x	9
		2	2 times stronger (doubled)		
		3	3 times stronger (tripled)		
		4	the same as before		
15	You are OOW on the forecastle heaving up the anchor. How and whom will you report the current status of the anchor?	1	to the Chief Officer on the bridge		7
		2	to the Master in accordance with his instructions	x	
		3	to the Pilot		
		4	to Boatswain		
16	What is the defined as the Pivot Point of a vessel?	1	a point where the center of gravity is located		2
		2	a non-return point when maneuvering		
		3	a point about which the ship turns when the rudder is put over	x	
		4	a point where the wind forces are applied		
17	Your vessel is going alongside. One tug will assist in the mooring operation. How do you want to use the tug and at which position?	1	Make fast aft and pull when needed		9
		2	Make fast forward and pull when needed		
		3	Stand by in the middle of ship's hull flat side and push when needed	x	
		4	Make fast as agreed with the pilot in line with a local scheme		
18	Vessel with a 12m draft in 30m of water how much chain will you layout.	1	3 shackles		7
		2	8 shackles		
		3	6 shackles	x	
		4	9 shackles		

19	Your fully laden vessel is going to sail from a berth. Two tugs will assist in the unmooring operation. How do you want to use the tugs and at which position?	1	Make fast the forward tug and the aft tug stand by		9
		2	Make fast on ship's side to keep the vessel in position during unmooring		
		3	Fast forward for pulling and fast aft tug at ship's middle side to push vessel to jetty during unmooring		
		4	Fast forward and aft in center lead to pull the ship out from the jetty and make her in position for voyage	x	
20	What is the definition of a Crash Stop?	1	an immediate stop of ship's engine at any time		3
		2	to make full astern from full ahead	x	
		3	to stop from full ahead (maneuvering mode)		
		4	stoppage of a ship due to collision		

M – PPT module (chapter)