

	1			2			3			4			5			6		
	S	M	G	S	M	G	S	M	G	S	M	G	S	M	G	S	M	G
High voltage systems	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Computers and networks	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Bridge navigation equipment	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Steam Generators:																		
Steam-theory				X	X		X	X		X	X		X	X		X	X	
Main boilers	X			X			X						X			X		
Auxiliary boilers		X	X		X	X		X	X	X		X	X	X	X	X	X	X
Feedwater systems	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Condensate systems	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Recovery systems	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Fuel	X			X	X		X	X		X	X		X	X		X	X	
Main fuel systems	X			X	X		X	X		X	X		X	X		X	X	
Boiler water chemistry	X			X	X		X	X		X	X		X	X		X	X	
Control systems	X			X	X		X	X		X	X		X	X		X	X	
Automation systems	X			X	X		X	X		X	X		X	X		X	X	
Safety	X			X	X		X	X		X	X		X	X		X	X	
Casualty control	X			X	X		X	X		X	X		X	X		X	X	
Steam engines:																		
Main turbines	X			X	X		X	X		X	X		X	X		X	X	
Auxiliary turbines	X	X		X	X		X	X		X	X		X	X		X	X	
Governor systems	X			X	X		X	X		X	X		X	X		X	X	
Control systems	X			X	X		X	X		X	X		X	X		X	X	
Automation systems	X			X	X		X	X		X	X		X	X		X	X	
Lubrication systems	X			X	X		X	X		X	X		X	X		X	X	
Drive systems	X			X	X		X	X		X	X		X	X		X	X	
Auxiliary diesels	X			X	X		X	X		X	X		X	X		X	X	
Safety	X			X	X		X	X		X	X		X	X		X	X	
Casualty control	X			X	X		X	X		X	X		X	X		X	X	
Motor propulsion:																		
Fundamentals					X					X				X				X