Table 3 to § 11.950 -- Subjects for Engineer Officer Endorsements

	7			8		9		10		11		12		13		14		15	
	S	M	G	S	M	S	M	S	M	S	M	S	M	S	M	S	M	S	M
General Subjects:																			
Prints and tables	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Hand tools						X	X			X	X			X	X			X	X
Pipes, fittings, and valves						X	X			X	X			X	X			X	X
Hydraulics	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Materials science																			
Bilge systems	X	X	X			X	X			X	X			X	X			X	X
Oily water separators	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Sanitary/sewage systems	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Freshwater systems	X	X	X			X	X			X	X			X	X			X	X
Lubricants	X	X	X			X	X			X	X			X	X			X	X
Lubrication 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	X	X	X	X	X	X	X	X
Control systems	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Propellers/ shafting systems	X	X	X			X	X			X	X			X	X			X	X
Machine shop	X	X	X			X	X			X	X			X	X			X	X
Distilling systems						X	X			X	X								
Pumps	X	X	X			X	X			X	X			X	X			X	X
Compressors	X	X	X			X	X			X	X			X	X			X	X
Administration	X	X	X	X	X			X	X			X	X			X	X		
Bearings	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Governors	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Cooling systems	X	X	X			X	X			X	X			X	X			X	X
Instruments	X	X	X			X	X			X	X			X	X			X	X
Ship construction and repair	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Steering systems	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X