Part B Course Outline

		Time Allotment	
	Subject Area	(in hours)	
		Lecture	Simulation/ Laboratory
ī.	Introduction	1.0	Laboratory
١.	Chapter III, Regulation III/4 of STCW Convention, as	1.0	_
	amended and Section A-III/4 and Table A-III/4,		
	STCW Code, as amended		
	Chapter VIII, Regulation VIII/1, Regulation VIII/2 of		
	STCW Convention, as amended and Section A-		
	VIII/1, Section A-VIII/2 of the STCW Code, as		
	amended		
	Marine Propulsion Systems		
II.	Terms Used in Machinery Spaces and Names of	2.0	_
	Machinery and Equipment		
III.	Engine-room Watchkeeping Procedures	2.0	5.0
	Electrical Generating Plant	_	
	2. Lube-oil and fuel oil purification systems		
	3. Compressed Air Plant		
	4. Refrigeration and Air-Conditioning Plant		
	5. Tank and Pressure-vessel Levels		
	6. Charging a "water-logged" portable water pressure		
	tank with compressed air		
	7. Propulsion shafting and bearings		
	8. Steering Gear		
IV.	Safe Working Practices as related to Engine-room	2.0	5.0
	Operations		
	1. Basic knowledge of maintenance and repair of		
	machinery and tools used in the engine-room		
V.	Basic Environmental Protection Procedures	1.0	-
	1. MARPOL 73/78 Convention		
	2. Principles of OWS, STP		
	3. Bunkering operation		
VI.	Use of Appropriate Internal Communication Systems	1.0	-
VII.	, ,	1.0	2.0
	between the Various Alarms, with Special reference		
	to Fire-Extinguishing Gas Alarms		
	Safety of operations in unmanned machinery		
\/!!!	spaces Sefe Operation of Poillers	2.0	3.0
VIII.	Safe Operation of Boilers 1. Poiler safety eneration and maintenance	2.0	2.0
IV	Boiler safety operation and maintenance Many lodge of Emergancy Puties	2.0	2.0
IX.	Knowledge of Emergency Duties Escape Routes from Machinery Spaces	2.0	2.0
X. XI.	Familiarity with the Location and Use of Fire-fighting	1.0	2.0
۸۱.	Equipment in Machinery Spaces	1.0	2.0
	Assessment	2.0	4.0
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	Sub-Total Total	18	22
Total		40 hours	