



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA
MERCHANT SHIPPING SECRETARIAT
Ministry of Ports & Civil Aviation
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COURSE OUTLINE

COMPETENCE	REF. No	KNOWLEDGE UNDERSTANDING AND PROFICIENCY	DURATION (Hrs)	STCW REF. PAGE
1. STEER THE SHIP AND ALSO COMPLY WITH HELM ORDERS IN THE ENGLISH LANGUAGE	1.1.	INTRODUCTION AND GENERAL INFORMATION ABOUT SHIPS TYPES OF SHIPS	12	TABLE A-II/4 PAGE 133
	1.2.	EQUIPMENTS AND INSTRUMENT AVAILABLE ON THE BRIDGE USE OF MAGNETIC AND GYRO COMPASSES	6	
	1.3.	EXECUTING HELM ORDERS	6	
	1.4.	CHANGE- OVER FROM AUTOMATIC PILOT TO HAND STEERING AND VICE VERSA	1	
	1.5.	STEERING FAILURE –ACTION / HAND/NON-FOLLOW UP/EMERGENCY	3	
2. KEEP A PROPER LOOK-OUT BY SIGHT AND HEARING	2.1.	RESPONSIBILITIES OF A LOOK-OUT	3	
	2.2.	IDENTIFY COMPASS POINTS	3	
	2.3.	REPORTING THE APPROXIMATE BEARING OF A SOUND SIGNAL, LIGHT OR OTHER OBJECT IN DEGREES OR POINTS	6	
	2.4.	BASIC KNOWLEDGE OF COLREG (ROR)	12	
	2.5.	METEOROLOGY	3	
3. CONTRIBUTE TO MONITORING AND CONTROLLING A SAFE WATCH	3.1.	GENERAL INFORMATION NAMES AND FUNCTIONS OF VARIOUS PARTS OF A SHIP	6	
	3.2.	SHIPBOARD TERMS AND DEFINITIONS	8	
	3.3.	USE OF APPROPRIATE INTERNAL COMMUNICATION AND ALARM SYSTEMS	6	
	3.4.	ABILITY TO UNDERSTAND ORDERS AND TO COMMUNICATE WITH THE OFFICER OF THE WATCH ON MATERS RELEVANT TO WATCH-KEEPING DUTIES	6	
	3.5.	PROCEDURES FOR THE RELIEF, MAINTENANCE, TAKING OVER AND HANDOVER OF A WATCH	9	
	3.6.	INFORMATION REQUIRED TO MAINTAIN A SAFE WATCH	9	
	3.7.	BASIC ENVIRONMENTAL PROTECTION PROCEDURES	6	
	3.8.	WATCH-KEEPING AT ANCHOR, & IN PIRACY PRONE AREAS	6	
4. OPERATE EMERGENCY EQUIPMENT AND	4.1.	KNOWLEDGE OF EMERGENCY DUTIES AND ALARM SIGNALS	9	
	4.2.	KNOWLEDGE OF PYROTECHNIC DISTRESS SIGNALS;	6	



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APPLY EMERGENCY PROCEDURES		SATELLITE EPIRBs AND SARTS	
	4.3.	AVOIDANCE OF FALSE DISTRESS ALERTS AND ACTION TO BE TAKEN IN EVENT OF ACCIDENTAL ACTIVATION	3
	4.4.	INTRODUCTION TO CONVENTIONAL AND CONTAINERIZED CARGO	6
	4.5.	LIFTING GEAR	18
	4.6.	BASIC KNOWLEDGE OF DANGEROUS CARGOES	6
	4.7.	CARGO SECURING	12
	4.8.	INTRODUCTION TO STORE KEEPING	3
	4.9.	RECEIVING STORES	3
	4.10.	KEEPING WATCH IN PORT	6
	4.11.	DUTIES WHEN BERTHING/ UN-BERTHING AND TOWING OPERATIONS	9
	4.12.	ROPES AND ROPE WORK <ul style="list-style-type: none"> • IMPORTANCE OF CORDAGE IN CARGO HANDLING. • TYPES OF ROPES AND ROPE MATERIALS • PRACTICING KNOTS, HATCHES, BENTS, LASHING AND SPLICING ETC. 	51
	4.13.	CANVAS WORK	6
	4.14.	RIGGING WORKS <ul style="list-style-type: none"> • DESCRIBES THE MACHINERY EQUIPMENT AND APPLIANCES USED IN RIGGING • DESCRIBES LIFTING AND CARGO GEARS • RIGGING A PILOT LADDER (PRACTICAL) 	33
		4.15.	DECK MACHINERY AND APPLIANCES
4.16.		MAINTENANCE OF HULL AND DECK	18
4.17.		SAFETY AT WORK <ul style="list-style-type: none"> • SAFE WORKING PRACTICES • SAFETY SIGNS, PLACARDS, POSTERS, ETC. 	18
4.18.		BASIC KNOWLEDGE OF ISM CODE	3
4.19.		DRUG & ALCOHOL POLICIES, D & A TOLERANCE LEVEL	1
4.20.		IMPORTANCE OF MARINE ENVIRONMENT PROTECTION	3
4.21.		SHIP DISCHARGE	3
4.22.		BASIC KNOWLEDGE OF MARPOL	3
4.23.		BASIC KNOWLEDGE OF SOLAS, STCW & MLC	12
4.24.		CONTRIBUTE TO ENERGY SAVING ON BOARD/QUALITY SYSTEM AND 5S SYSTEM AWARENESS	5
4.25.		MARINE SECURITY	6
TOTAL			369HRS