msc
Qualifications and Training Matrix

MSC TRAINING CENTRE MATRIX

VALUE ADDED COURSES	CLASSROOM/ONLINE COURSES								WORKSHOP COURSES					SIMULATOR COURSES							ONLINE COURSES	
	MARINE ENVIRONMENT PROTECTION COURSE (MEPC)	SAFETY & ENVIRONMENTAL PROTECTION (SEPC FOR RATINGS)	NEW AMOS	SHIPBOARD SAFETY & ENVIRONMENTAL PROTECTION (SSEP)	NAVIGATION BRIEFING (NAV BRF)	COMMAND & CONTROL (COMMAND)	CONTAINER FAMILIARISATION (CONTFAM)	HAZARDOUS MATERIALS HANDLING (HAZMAT)	* ENGINE AUTOMATION COURSE (EAC)	* PROGRAMMABLE LOGIC CONTROLLERS (PLC)	ENGINEERING SKILLS WORKSHOP (ESW)	BASIC ELECTRICAL COURSE (BEC)	BASIC REEFER COURSE (BRC)	SHIP HANDLING SIMULATOR (SHS)	BRIDGE TEAM MNGMNT (BTM)	LARGE VESSEL SHIP HANDLING SIMULATOR (LVSHS)	LARGE VESSEL SHIP HANDLING SIMULATOR (LVSHS)	ME COURSE (ME)	RT FLEX XOURSE (RTFLEX)	ENGINE ROOM MANAGEMENT (ERM)	ECDIS PASSAGE PLANNING COURSE	ECDIS TYPE APPROVED COURSE
INSTITUTES CONDUCTING	MSC	MSC	MSC	MSC	MSC	MSC	MSC	MSC	MSC	MSC	EXTERNAL	EXTERNAL	EXTERNAL	MSC	MSC	MSC	MSC	MSC	MSC	MSC	LEARNMARINE	MINTRA
RANKS APPLICABLE	ALL DECK & ENGINE OFFICERS	ALL RATINGS	ALL DECK & ENGINE OFFICERS	DECK & ENGINE CADETS	All Dk officers	C/O ON PROMOTION	ALL DECK OFFICERS	ALL DECK OFFICERS	3/E, E/O	3/E, E/O	J/E, ECDT	TEO	TEO	MTR, C/O	ALL DECK OFFICERS	MASTER / BRIDGE TEAM	MASTER / BRIDGE TEAM	C/E, 2/E, 3/E, E/O	C/E, 2/E, 3/E, E/O	5/E	ALL DECK OFFICERS	ALL DECK OFFICERS
DURATION IN DAYS	1	0.5	2	0.5	0.5	2	0.5	0.5	2	2	3	3	3	2	2	2	2	4	4	2	ONLINE	ONLINE
CONDITION	Prior to joining & ONCE IN 1 YR	All Ratings - Prior to joining & ONCE IN 1 YR	Prior joining 1st time / After completing 1st contract if not done old Advance AMOS	Prior to joining First time	MTR, C/O compulsory	C/O on promotion to Master	Candidate new to container ships	All Deck officers	On Promotion	On Promotion	Prior to joining First time	Prior to joining First time	Prior to joining First time	C/O on promotion & Master 1st time in company	For Fresh 2nd Mate COC Holders & New JO/3O not holding BTM/BRM Course.	Courses for 5000-7000 TEU	Courses for 8000-12000TEU / 13000-17000TEU / 18000-24000TEU	Joining ME vessel frist time without ME Course	Joining RT Flex vessel frist time without RTFLX course	On Promotion	All Deck officers - Prior to joining First time	All Deck officers going on Vessels with the corresponding ECDIS Equipment
MASTER	Y	X	Y	X	Y	Y	Y	Y	X	X	X	X	X	Y	X	Y	Y	X	X	X	Y	Y
CH OFF	Y	X	Y	X	Y	Y	Y	Y	X	X	X	X	X	Y	X	X	Y	X	X	X	Y	Y
2ND OFF	Y	X	Y	X	Y	X	Y	Y	X	X	X	X	X	X	X	X	Y	X	X	X	Y	Y
3RD OFF	Y	X	Y	X	Y	X	Y	Y	X	X	X	X	X	X	Y	X	Y	X	X	X	Y	Y
4TH OFF	Y	X	Y	X	Y	X	Y	Y	X	X	X	X	X	X	Y	X	X	X	X	X	Y	Y
CADET	Y	X	X	Y	Y	X	Y	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CH ENGR	Y	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Y	Y	X	X	X
2ND ENGR	Y	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Y	Y	X	X	X
3RD ENGR	Y	X	Y	X	X	X	X	X	Y	Y	X	X	X	X	X	X	X	Y	Y	X	X	X
4TH ENGR	Y	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
5TH ENGR	Y	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Y	X	X
JR ENGR	Y	X	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ENG CADET	Y	X	X	Y	X	X	X	X	X	X	Y	X	X	X	X	X	X	X	X	X	X	X
ELECT OFF	Y	X	Y	X	X	X	X	X	Y	Y	X	X	X	X	X	X	X	Y	Y	X	X	X
TRAINEE EO	Y	X	X	Y	X	X	X	X	X	X	X	Y	Y	X	X	X	X	X	X	X	X	X
FITTER	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WELDER	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BOSUN	X	Y	X	X	X	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
AB	X	Y	X	X	X	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OS	X	Y	X	X	X	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TR.SMAN	X	Y	X	X	X	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MM	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
WPR	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TR WPR	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TR. FTR	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
COOK	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
G STWD	X	Y	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Rank	Nat. Lic	Revad	P.S.C.RB	P.S.T.	A.F.F.	F.P.F.F.	Medicare	Med.F.Aid	El.F.Aid	P.S.S.R	G.M.D.S.S.	G.M.D.S.S.End	RANSCO	Rad+ARPA (O)	HAZMAT	BTM	SSO COURSE	SECURITY TRAINING (DSD COURSE)	COP in Basic Training for ships subject to IGF Code	COP in Advance Training for ships subject to IGF Code
Master	✓	✓	✓		✓		✓			✓	✓	✓	✓		✓	✓	✓			✓
Ch.Off	✓	✓	✓		✓		✓			✓	✓	✓	✓	✓	✓	✓	✓			✓
2nd Off	✓	✓	✓		✓			✓		✓	✓	✓		✓	✓	✓	✓			✓
3/Off	✓	✓	✓		✓			✓		✓	✓	✓		✓	✓	✓	✓			✓
4/Off	✓	✓	✓		✓			✓		✓	✓	✓		✓	✓	✓	✓			✓
Ch.Eng	✓	✓	✓		✓			✓		✓								✓	✓	✓
2/Eng	✓	✓	✓		✓			✓		✓								✓	✓	✓
3/Eng	✓	✓	✓		✓			✓		✓								✓	✓	✓
4/Eng	✓	✓	✓		✓			✓		✓								✓	✓	
5/Eng	✓	✓	✓		✓			✓		✓								✓	✓	
EO			✓		✓			✓										✓	✓	
ETO	✓	✓	✓		✓			✓										✓	✓	
Dk. Cdt				✓		✓			✓	✓								✓	✓	
JE/ Eng Cadet/ Tr. ETO				✓		✓		✓	✓									✓	✓	

Legends (in sequence)

Code	STCW Ref	Description	Code	STCW Ref	Description
Nat Lic - Deck	Reg II/1 , II/2 & II/3	National Licence	Medicare	CodeA-VI/4-2	Medical care
Nat Lic - Engine	Reg III/1 , III/2, III/3 & III/6	National Licence	Med.F.Aid	CodeA-VI/4-1	Medical First Aid
Revad	Reg I/11	Revalidation of licence	El.F.Aid	CodeA-VI/4-3	Elementary First Aid
Flag Lic.	Reg I/10	Flag State Licence	PSSR	CodeA-VI/1-4	Personal Safety & Social Responsibility
PSCRB	CodeA-VI/2-1	Proficiency in Survival Craft & Rescue Boats	GMDSS	CodeA-IV/2	GMDSS GOC
PST	CodeA-VI/1	Personal Survival Techniques	Flag GMDSS	Reg I/10	Flag GMDSS License
AFF	CodeA-VI/3	Advanced Fire Fighting Course	TASCO (Advance) (Oil/ Chem)	CodeA-V/1-2	Advanced Tanker Safety - Oil or Chemical - as reqd
FP & FF	CodeA-VI/1-2	Fire Prevention & Fire Fighting	Tank.Fam (Basic) (Oil/Chem)	CodeA-V/1-1	Tanker Familiarisation - Oil or Chemical - as reqd
Flag PSCRB	Reg I/10	Proficiency in Survival Craft & Rescue Boats - As per Flag	Rad+ARPA(M)	CodeA-II/2	Radar, ARPA & Navigation Simulator (RANSCO) Training (Mgt Level)
SSO	CodeA-VI/5	Ship Secuirty Officer	Rad+ARPA(O)	CodeA-II/1	Radar & ARPA Simulator Training (Ops Level)
ST (DSD)	CodeA-VI/6	Security Training (Designated Secuirty Duties)	ECDIS	CodeA-II/1 & CodeA-II/2	ECDIS Generic course - 40 Hrs - IMO Model 1.27
			COP in Basic Training- IGF Code	CodeV/3-4	Basic Training for service on ships subject to IGF (LNG Fuel etc.) Code - STCW V/3-4
			COP in Advance Training-IGF	CodeV/3-7	Advance Training for service on ships subject to IGF (LNG Fuel etc.) Code - STCW V/3-7 (1M sailing + 3 Bunkering (2 can be on simulator)
			Flag Basic IGF for all crew	Reg I/10	Flag license for IGF Basic
			Flag Advanced IGF for Master, C/E, 2/E & 3/E	Reg I/10	Flag license for IGFAdvanced

Revalidation of STCW courses requirement as per below

PSCRB (Proficiency in survival craft & rescue boat)	5 Yearly revalidation
AFF (Advance fire fighting)	5 Yearly revalidation
PST (Proficiency in survival techniques)	5 Yearly revalidation
FPFF (Fire prevention & fire fighting) course	5 Yearly revalidation
IGF Basic	5 Yearly revalidation of COP, Require 3 months sea service on ships subject to IGF code, OR attend approved refresher training
IGF Advance	5 Yearly revalidation of COP, Require 3 months sea service on ships subject to IGF code, OR attend approved refresher training

Revalidation of course under MLC requirement as per below

Medicare course	5 Yearly revalidation, requirement under MLC. For Indian administartion - If revalidation is not completed, E-Learning must be completed to demonstrate compliance (Ref : DG - MS Notic

Revalidation of deck officer COC at 5 years interval (Indian Nationals) - Currently 4 days course required (3 days revalidation + 1 day Gender sensitization) from DG shipping India, (Changes in revalidation course requirement to be checked app

Revalidation of deck officer COC at 5 years interval (Other Nationality) - Follow local Administartion COC renewal requirement for all other nationality other then India

Revalidation of engine officer + ETO, COC at 5 years interval - Currently 4 days course required from DG shipping India, (Changes in revalidation course requirement to be checked appicable at that time)

Revalidation of engine officer COC + ETO at 5 years interval (Other Nationality) - Follow local Administartion COC renewal requirement for all other nationality other then India

Qualifications and Training Matrix

Rank	Nat. Lic	Flag Lic.	P.S.C.R.B	P.S.T	Flag P.S.C.R.B	A.F.F.	F.P.F.F.	Medicare	Med.F.Aid	El. F.Aid	P.S.S.R	TASCO (P/C)	Rad+ARPA (M)	Rad+ARPA (O)	WATCHKEEPING	SECURITY TRAINING (DSD COURSE)	MLC COURSE	COP	COP in Basic Training for ships subject to IGF Code
Bosun	✓		✓		✓		✓			✓	✓				✓	✓		✓	✓
A.B.	✓		✓		✓		✓			✓	✓				✓	✓		✓	✓
O.S.				✓			✓			✓	✓					✓			✓
Mtrman	✓			✓			✓			✓	✓				✓	✓		✓	✓
Wiper				✓			✓			✓	✓					✓			✓
Fitter				✓			✓			✓	✓					✓			✓
Ch.Cook				✓			✓			✓	✓					✓	✓		✓
G.Stwd				✓			✓			✓	✓					✓	✓		✓
Tr.Rating				✓			✓			✓	✓					✓			✓

Legends (in sequence)

Code	STCW Ref	Description		Code	STCW Ref	Description
Nat Lic - Deck	Reg II/4 & II/5	National COP	Raings	Medicare	CodeA-VI/4-2	Medical care
Nat Lic - Engine	Reg III/4, III/5 & III/7	National COP	Ratings			
Revad of certificate	Table B-I/2	Revalidation of licence (Not required, only approved sea service) - Ratings		Med.F.Aid	CodeA-VI/4-1	Medical First Aid
Flag Lic.	Reg I/10	Flag State Licence		El.F.Aid	CodeA-VI/4-3	Elementary First Aid
PSCRB	CodeA-VI/2-1	Proficiency in Survival Craft & Rescue Boats		PSSR	CodeA-VI/1-4	Personal Safety & Social Responsibility
Flag P.S.C.	Reg I/10	Flag state - Proficiency in Survival Craft & Rescue Boats		GMDSS	CodeA-IV/2	GMDSS GOC
AFF	CodeA-VI/3	Advanced Fire Fighting Course		Flag GMDSS	Reg I/10	Flag GMDSS License
FP & FF	CodeA-VI/1-2	Fire Prevention & Fire Fighting		TASCO(Oil/Chem)	CodeA-V/1-2	Advanced Tanker Safety - Petroleum or Chemical - as reqd
PST	CodeA-VI/1-1	Personal Survival Techniques		T.Fam (Oil/Chem)	CodeA-V/1-1	Tanker Familiarisation - Petroleum or Chemical - as reqd
ST (DSD)	CodeA-VI/6	Security Training (Designated Secuirty Duties)	Rad+ARPA(M)	CodeA-II/2	Radar, ARPA & Navigation Simulator (RANSCO) Training (Mgt Level)
				Rad+ARPA(O)	CodeA-II/1	Radar & ARPA Simulator Training (Ops Level)
				ECDIS	CodeA-II/1 & CodeA	ECDIS Generic course - 40 Hrs - IMO Model 1.27
				COP in Basic Training-IGF	CodeV/3-4	Basic Training for service on ships subject to IGF (LNG Fuel etc.) Code - STCW V/3-4
COP C.CK	MLC 2006 Reg 3.2	Certificate of Competency as Cook in Merchant Navy		Flag Basic IGF for all crew	Reg I/10	Flag license for IGF Basic
Steward	MLC 2006 Reg 3.2	Food Safety & Hygiene / Food handling				

MLC COURSE - FOR FOOD HANDLERS. CHIEF COOK/STWD. CHIEF COOK TO ALSO HAVE COOK CERT OF COMPETENCE (MLC 2006 (Section) - Standard A3.2 Para-4)

PSCRB   Required for AB & Bosun under - STCW Section A-II/4 , STCW Table A-II/5, STCW Section B-II/4 (Section B is recommended BUT provide gidance for implementing the Pat-1 of STCW which is mandatory