# MANAGEMENT COURSES

#### **BRIDGE AND ENGINE-ROOM RESOURCE MANAGEMENT**

A highly interactive Course for all ship's staff on the development of human resources

and managerial skills for improving safety and efficiency on board. Spanning a range of behavioural issues, the course focuses on enhancement of soft skills and initiates attitudinal changes for development of professionalism. The andragogy includes case studies, discussions, games, group work, lectures and audio-visual exercises.



Duration: 4 days Target Group: All Management and Operational Level shipboard staff. Shore staff

# **RISK MANAGEMENT AND INCIDENT INVESTIGATION**

# In a hazardous work environment, effective

management of operational risks is critical for achieving and improving ship's safety. This Course explains the concepts of operational risk management and practical methods of applying these concepts on board, using Company-specific risk management procedures. The course includes Incident Investigation and Root Cause Analysis, (based on IMO model Course 3.11) as they are integral to the risk management process.



#### **Duration:** 2 days

may also attend.

Target Group: All Management and Operational Level shipboard staff.

#### SHIPBOARD SAFETY OFFICER

The importance of following correct safety procedures and practices in preventing accidents cannot be over-emphasized. The Shipboard Safety Officer plays a vital role in ensuring safety of operations. This Course prepares the designated Safety Officer to fulfill his responsibilities effectively. Understanding hazards and mitigating their impact, learning from undesired events, handling administrative tasks, and spreading of safety awareness on board are some of the key elements of this course.



#### **Duration** : 2 days.

Target Group: Any ship's staff who may be designated as a Shipboard Safety Officer

#### TRAINING FOR ON-BOARD TRAINERS

A customary practice in the past, today it is the duty of senior officers on board to train

their subordinates for improving performance levels and develop competence. This Course helps them to fulfill their role as mentors, by understanding the different learning styles, correspondingly suitable teaching/training processes, and assessment methods. Special focus is given to the honing of delivery skills for effective transfer of knowledge and skills.



Duration: 2 days Target Group: All Management Level shipboard staff.

#### **COMPANY SAFETY MANAGEMENT SYSTEM**

Effective implementation of the Company's Safety Management System on board is at the core of ISM Code compliance and achieving the Company's safety & environmental protection goals. This Course provides the participants a thorough understanding of the shipboard SMS including the use of electronic applications such as DocMap. Special emphasis is given to operational procedures, 'continual improvement' elements i.e. non-conformity reporting, System reviews, and audits. It includes an extensive

workshop on the use of Company-specific shipboard SMS documentation. Duration: 3 days

Target Group: All Management and Operational Level shipboard staff.

#### MARITIME RESOURCE MANAGEMENT SIMULATOR COURSE

It is universally accepted that Human Factors are at the core of almost all shipboard

incidents involving safety and the environment. This Course addresses the Human Factor issues in great depth, so that the participants may not only be able to mitigate the impact of human factors on their performance, but also manage their resources more efficiently and effectively.

Simulator exercises on integrated Bridge and Engine-Room Simulators enable instant application of resource management concepts for development of

management skills. Analysis of Case Studies further reinforces the learning and retention of the concepts.

#### Duration : 5 days

Target Group : Management Level Officers and Engineers (including E/Off's), who have previously attended Bridge / Engine-Room Resource Management Courses.

#### Other Management Courses.....

- \* Crowd Management and Human Behaviour in Crisis
- \* Shipping Practice for Shore Executives
- \* Shipboard Environment Management Systems ISO 14001
- \* Shipboard Energy Efficiency Management
- \* Commercial Aspects of Ship Operations



IMTC is a member of **Global Maritime Education & Training Association** 

# **NAUTICAL & CARGO COURSES**

#### SHIP MANOEUVRING SIMULATOR AND BRIDGE TEAMWORK

Based on the IMO Model Course 1.22, this DGS-approved Course fulfills the

requirements of STCW(2010) Reg. I/12 and the STCW Code A-I/12 & Table A-II/2. The Course includes the full spectrum of Bridge activities, from ship-handling, following of Bridge procedures, passage planning, and handling of navigational emergencies, to aspects of Bridge teamwork and management of Bridge resources. The Course is conducted on a state-of-the-art Kongsberg Full Mission 'Polaris' Bridge Simulator.



#### Duration: 5 days

Target Group: Masters and all Navigating Officers with a minimum of 12 months' Bridge watch-keeping experience.

#### BRIDGE TEAM MANAGEMENT

The Course is designed to reinforce proper navigation practices and aspects of good

Bridge teamwork. It emphasizes on effective implementation of Bridge procedures during navigational watch-keeping, and understanding of Bridge Resource Management principles as stated in STCW (2010) section A-VIII/2 of the code. The Bridge team's response to changing circumstances and contingencies is an important aspect of the course.



#### EFFICIENT CARGO AND BALLAST HANDLING COURSE - OIL PRODUCT/CHEMICAL TANKER OR CONVENTIONAL OIL TANKER

The aim of this course is to ensure that mariners are trained and prepared to respond safely and efficiently for controlling the cargo handling and other operations on Tanker, required in today's Tanker trade. It helps in developing a better understanding of basic operation in Tankers with the help of lectures and simulator practice. It gives the participants a "hands-on" training and builds their confidence in handling cargo operations and troubleshooting during work in Tankers (based on IMO model course 1.37 or 2.06 as requested)

Duration: 3 days Target Group: Deck Officers.

#### **EFFICIENT CARGO AND BALLAST HANDLING COURSE – LPG TANKER**

The aim of this course is to ensure that mariners are trained and prepared to respond safely and efficiently for controlling the cargo handling and other operations on LPG carriers, required in today's Tanker trade. It helps in developing a better understanding of basic operation in LPG carriers with the help of lectures and simulator practice. It gives the participants a "hands-on" training and builds their confidence in handling cargo operations and troubleshooting during work in LPG carriers (based on IMO model course 1.35)

Duration: 3 days Target Group: Deck Officers.

#### **TYPE SPECIFIC ECDIS COURSES LIST**

- **Duration:** 3 days each
- **Ÿ** JRC JAN-701/901/2000
- **Ÿ** JRC JAN-7201/9201
- **Ÿ** Simrad MARIS ECDIS900
- **Ÿ** Transas Navi-Sailor 4000 **Ÿ** Kelvin Hughes Manta Digital ECDIS
- **Ÿ** ChartWorld eGlobe G2

**Duration:** 2 days each

**Ÿ** Furuno FMD

Target Group: All Deck Officers.

#### SHIP HANDLING SIMULATOR COURSES

To build on the core concepts of ship handling through understanding theory & then applying the knowledge gained by trying out different situations on simulator. IMTC can design, develop & deliver customized course based on desired Ship type, Navigation area & Types of operations.

**Duration:** 3 days - 3participants or 2 day - 2 participants Target Group: All Deck Officers.

#### Other Nautical / Cargo Courses.....

- \* Hazardous Material Carriage
- \* Dangerous Cargo in Containers (for Shore Staff)
- \* Shipboard Lifting Appliances
- \* Efficient Cargo & Ballast Handling (Simulator based)
- \* Bridge Team Resource Management

**Duration:** 3 days Target Group: Masters, Pilots & All Deck Officers













# **ENGINEERING COURSES**

#### PRACTICAL MARINE ELECTRICAL WORKSHOP

This workshop, conducted in a dedicated Electrical laboratory, provides theoretical knowledge and intensive hands-on practical training on various shipboard electrical circuits, starter panels, circuit breakers, boiler panel as also variable frequency drives and soft starters. The Course brings about an overall improvement in electrical competence, skills and confidence in handling, maintaining & troubleshooting electrical equipment on board.



Duration: 6 days

Target Group: All Marine Engineers and Trainee Electrical Officers

#### ENGINE ROOM SIMULATOR OPERATIONAL LEVELS

These Courses are conducted as per IMO Model Courses, on a Kongsberg 'Neptune' propulsion plant trainer simulator, in which the entire range of functions of the B&W MC Main Engine as also all the subsystems of the Engine Room can be simulated. The part-task full mission simulator has individual

workstations so that participants get to work on their 'own engine-room'. The exercises simulate various conditions and situations that may occur in the ER, thereby providing effective learning opportunities for the participants.



Duration: 5 days (Management Level) / Approved by D. G. Shipping (Govt. of Indi 3 days (Operational Level)

Target Group : Engineers appearing for MEO / Class II Examinations / Engineers appearing MEO Class IV Examinations.

#### MARINE ENVIRONMENT PROTECTION

This Course is designed to help seafarers to be able to comply the latest regulatory measures for protection of the Marine environment. The course covers various concerns regarding Bilge Water and Sludge in the

Engine room, Cargo Spaces of Oil Tankers, Sewage, Garbage, Air pollution prevention, Ballast Water and Anti fouling systems by means of desktop exercises, case studies, use of various publications, and experience sharing. Exercises with regard to Oil Record Book entries and other documents are included. The Course also details procedures to be followed in the eventuality of a pollution-related incident occuring on board.



#### MARINE HYDRAULICS WORKSHOP

This practical, hands-on Workshop prepares the participants to understand the fundamental concepts of hydraulics. It enables them to recognize component symbols and understand their construction, functioning and applications. Besides practical exercises on the Hydraulic Trainer Panel, the Workshop covers tracing and analyzing various shipboard hydraulic circuit diagrams, and guides the participants on how to troubleshoot hydraulic systems logically.



**Duration :** 6 days Target Group: Management Level, Operational Level, Marine Engineers and Electrical Officers.

#### ENGINE ROOM TEAM MANAGEMENT

This Course is thus aimed at developing the managerial skills required to build an efficient & effective Engine Room team. Human factors bring at the root of most

marine casualties, it is imperative that the E. R. team is able to optimize resource utilization and develop a strong team orientation. It is important to develop the soft skills necessary to achieve optimum utilization of available resources. In addition to lectures and case studies, the Course is conducted



with exercises on the Kongsberg 'Neptune' Engine Room Simulator. This Course is based on the requirements stated under "Engine Room Resource Management" in STCW 2010, Chapter III, Table A - III/1 and Table A-III/2. **Duration**: 2 days

Target Group: All Marine Engineers & Electrical Officers.

#### **AUTOMATION & CONTROLS**

This Course is designed to enhance the participants' knowledge in the areas of Pneumatic and PLC based automation and instrumentation. The first part covers practical demonstration of calibration and zero-span inter-relationship on various Transmitters. Calibration of Smart Transmitters with HART Communicator/Modem and PC is a salient feature of the Course, and is practically carried out by the participants. Rectification of common faults are demonstrated. Simulator exercises are carried out on various PID controllers.

The second part of the Course covers PLCbased automation, which includes field instrumentation and calibration. Understanding /building of ladder logic & instruction list programming of PLC using HHP and PC transfer are explained. Practicals are carried out on specially designed trainer panels fitted with Mitsubishi & Allen Bradley PLCs. Troubleshooting techniques are discussed using shipboard processes covering digital and analog IOs.



#### Duration: 6 days

Target Group: All Marine Engineers and Electrical Officers.

#### 'FRAMO' HYDRAULIC CARGO PUMPING SYSTEM

This Course provides the participants with an understanding of the fundamental concepts of hydraulics and the working of the FRAMO hydraulic circuit, its components, the various safety devices and emergency overrides, so that they may operate and troubleshoot the system and operate the system efficiently and safely. Practical demonstration of overhauling an actual FRAMO pump and flow control valve helps in carrying out overhauls and repairs onboard effectively.



#### Duration: 3 days

Target Group: All Deck and Engineer Officers serving on vessels fitted with FRAMO pumping systems.

#### 'NABCO' MAIN-ENGINE MANOEUVRING & CONTROL

This Course is conducted on a "NABCO" Full Mission Main Engine Control simulator. It comprises the Bridge and Engine

Control Room consoles, the Digital Governor, a mimic Main Engine and the entire pneumatic circuit and components involved in starting, reversing and controlling the Main Engine. The Course enables the participants to recognize pneumatic components and read/understand pneumatic circuits, and operate the 'NABCO' control system in a correct and safe manner



Hands-on simulator training and troubleshooting enables the participants to analyze faults in the Main-engine manoeuvring system and troubleshoot them logically and effectively. A module focusing on the differences between NABTESCO Mark III and NABCO Mark II is also included.

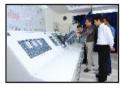
#### Duration: 5 days

Target Group: All Marine Engineers and Electrical Officers.

#### 'AUTOCHIEF' MAIN-ENGINE MANOEUVRING AND CONTROL

This Course enables the participants to thoroughly understand the 'AUTOCHIEF'AC-4 Main Engine manoeuvring control system and operate it

in the correct and safe manner. It also enables the participant to recognize pneumatic components and read / understand pneumatic circuits. The course helps the participant to analyze faults in the Main Engine manoeuvring system and troubleshoot them logically and effectively. A module on basic familiarization with AC C20 system is also included.



The Course is conducted on a full-mission Kongsberg "AUTOCHIEF" AC-4 & AC C20 Simulators.

#### Duration: 4 days

Target Group: All Marine Engineers & Electrical Officers.



#### **OPERATIONAL ENGINEERING KNOWLEDGE FOR DECK OFFICERS**

This Course provides Nautical Officers with the necessary engineering knowledge required for the safe and correct operation of increasingly complex hydraulic, pneumatic and electrical equipment on board. Participants develop a better understanding of the various technological concepts, and an insight into various machinery operations, thereby enhancing their judgement and decisionmaking capability in day-to day as well as critical situations.

Duration: 4 days Target Group: Management and Operational Level Deck Officers.

#### HIGH VOLTAGE SAFETY & SWITCH GEAR COURSE

Modern Technology has enabled the construction of bigger ships and installations. and their designers have installed High Voltage equipment to handle the massive

power requirements. Operators of such equipment require to be well trained in all aspects of High Voltage Safety. Modern ships, particularly Container, LNG, Passenger and specialized off shore ships are built with high voltage generating plants of 3.3 KV, 6.6 KV and 11 KV. The training provided meets the provisions(for high voltage training) as mentioned in Section A/III-1, A/III-2, A/III-6 & BIII/2 of the STCW Code 2010 (Manila Amendments)



#### Duration: 5 days

Target Groups: All Marine Engineering officers holding Class I, Class II, Class IV and E/O certificate of competency.

#### **EXPLOSION PROTECTION**

This Course is designed to impart knowledge of 'EX' electrical fittings and systems, as found on Tankers and Gas Carriers. The participants receive knowledge of various aspects and construction of different types of 'EX' equipment, zoning of hazardous areas, explosion theory, classification and properties of gases, 'EX' protection methods, maintenance of 'EX' components, certification IEC notifications and guidelines.

The Course includes practical sessions on various types of 'EX' equipment viz. motors, light fittings, junction boxes, glands, zener barriers, etc. Duration: 2 days

#### Target Group: All Deck, Engineer & Electrical Officers working on Tankers & Gas Carriers.

#### ME ENGINE - FAMILIARIZATION, OPERATION & TROUBLESHOOTING COURSE

The course is conducted with state-of-the-art slide show presentations and videos of actual systems of the latest generation of the MAN ME Engine (electronically controlled) two stroke engines. The MAN "ME-B &

ME-C" electronically controlled engine are the most commonly found engines on board vessels built since 2010.

#### Duration: 3 days

Target Group : Management Level & Operational Level Marine Engineers & Electrical Officers.

#### **APPLIED ELECTRONICS**

Designed to systematically enhance the participants' knowledge from a basic level to advanced concepts in electronics, this highly activity-oriented Course has both theory and extensive practical exercises. It fosters confidence and competence development in circuit tracing & troubleshooting of electronic faults in shipboard equipments such as Radar, Autopilot systems etc.

#### Duration: 6 days

Target Group: All Engineers and ElectricalOfficers

#### **Other Engineering Courses.....**

- \* Purifier Maintenance Course
- \* Oil Discharge Monitoring and Control System
- \* Navigational & Communication Equipment Course
- \* Hydraulics for Deck Officers
- \* Electrical Skills Development Workshop
- \* Advanced Welding Course for Marine Fitters
- \* Industrial Hydraulics Workshop (for Land-based Industries)
- \* Industrial Automation & Electrical Workshops



#### ENGINE ROOM MACHINERY MAINTENANCE WORKSHOP

This Workshop is designed to improve the participants' skills in the maintenance of a

variety of Engine-room equipment by following correct procedures and safe practices. It allows them to gain confidence, estimate time and manpower requirements in the maintenance of equipment commonly placed under their care. The Workshop includes practical sessions on various types of pumps, centrifugal purifier, air compressors, turbo charger and ancillary equipment like measuring instruments and aligning equipment etc.



**UNITOR** Certified

#### **Duration:** 6 days

Target Group: All Operational Level and Support Level Engine Staff and Trainees.

#### GAS AND ARC WELDING FAMILIARIZATION WORKSHOP

This workshop is designed to familiarize the participants with the relevant safety

precautions to be observed, and provide the requisite knowledge of welding processes and equipment. Extensive practicals on gas cutting and electric arc/gas welding arce at the core of the this workshop.

Each participant would have a welding station assigned to him for the practical sessions during the workshop

**Duration** : 5 days Target Group : All ranks, including Trainees.

#### ADVANCED GAS AND ARC WELDING WORKSHOP

This workshop is designed for Ships Fitters, Pumpmen, Repair team members and also Marine Engineers to fully acquaint them with the relevant safety precautions

to be observed, the requisite knowledge of the various welding equipment and processes, proper electrode and welding parameters selection and the practical skills to efficiently execute various repair jobs on plates and pipes of various materials in various positions.

Each participant would have a welding station assigned to him for the practical sessions during the workshop

#### Duration: 10 days

Target Group : Marine Engineers, Fitters, Pumpmen, Repair-team members and any other ranks having basic welding skills.

#### ADVANCED TIG WELDING WORKSHOP

This Workshop is designed at providing the participants with the knowledge and skills in the processes of TIG welding, Metal Inert Gas (MIG) welding, and Plasma cutting, such that the equipment can be utilized safely and efficiently. Each participant would have a welding station assigned to him for the practical sessions during the Workshop.



**UNITOR** Certified

#### Duration : 5 days

Target Group : Marine Engineers, Fitters, Pumpmen, Repair-team members and any other ranks having advanced welding skills.

#### **CORROSION PROTECTION & PAINT TECHNOLOGY**

This Workshop helps the participants to develop practical skills in surface preparation by grit-blasting, and application of protective coatings by airless spray and other

methods. The maintenance and care of the blasting/painting equipment is also done 'hands-on'. Classroom sessions provide the underpinning knowledge of paint composition and properties, prevention of paintwork failure, etc., for effective corrosion protection of the steelwork on board ships and marine installations.



#### **Duration:** 3 days (Supervisor Level);

4 days (Applicator Level) Target Group: All Deck Officers (Supervisor Level) and all Ratings & Trainee Officers (Applicator Level).

## INFORMATION TECHNOLOGY COURSES

#### **COMPUTER HARDWARE, NETWORK** MAINTENANCE & TROUBLE-SHOOTING

Personal Computers play a critical role in shipboard operations today, and technical assistance is difficult if not impossible to get at sea. This practical Course equips the participants to handle the routine PC related tasks such as upgrading of existing hardware / software, installation and configuring of applications, data back-up and protection, and



maintenance of the local network on board. Moreover, participants will be able to carry out trouble-shooting of hardware and network-related problems, and restore the system in case of failure, with or without shore assistance.

#### **Duration:** 3 Days

Target Group : All Management & Operational Level Officers & Radio Officers.

#### BASSNet

BASSNet Suite is a popular application used onboard and ashore for a variety of functions. Participants of this course will be able to understand the Planned Maintenance, Procurement, and Inventory Control & Document modules of BASSNet. Effective and efficient use of thi will help improve the management of main repairs, work practices, and condition m

nent modules	or the second
is application	
ntenance and	L
nonitoring of	
confidently ha	and

equipment. The participants will be able to lle the planning and undertaking of inventory control, e-procurement, document control, and use the "Alerts" provided in the application to good advantage.

#### Duration: 2 days

Target Group : All Management & Operational Level Officers and shore staff using the BASSNet applications.

#### **Other Information Technology Courses......**

- \* Various Planned Maintenance Systems (STAR IPS; AMOS, TEOMAKI)
- \* Integrated Shipping Management Solutions (ISMS)

### **OTHER SERVICES**

- ► Authorized Test Centre for Marlins (UK) English Language Testing.
- ► Thomas International Psychometric Test
- ► Trade Testing for Electrical Officers / Trainee Electrical officers / Junior Electrical Officer.
- ► Deck Officer Evaluation Programme Sr. Officer (DOEP-Sr.)
- ► Deck Officer Evaluation Programme Jr. Officer (DOEP-Jr.)
- ► Leadership Assessment Programme for Deck Officer (LAP-D)
- Command Assessment
- ► Engineer Officer Evaluation Programme Sr. Engineer (EOEP-Sr.)
- ► Engineer Officer Evaluation Programme Jr. Engineer (EOEP-Jr.) (4ENG)
- ► Senior Engineers Leadership Assessment Programme (SELAP) (2ENG CENG)
- > Simulator-based assessment of Navigational watch-keeping officers and Helmsmen.
- ► Simulator-based assessment of watch-keeping Engineer officers.
- ► Structured shipboard competency development programmes for Operational level Deck & Engineer Officers.
- Simulator-based steering tests for Helmsmen
- > Practical Assessment of Welding/ gas-cutting/ turning/ fitting skills of Engine / Deck Fitters.
- ► Hotwork Trade Test (Any level up to 6G as desired by client) ► Trade Test for Fitter (Welding + Lathe Work + Engine Equipment
- Overhaul)
- ► Hotwork 6 G Level Certification by Class (DNV-GL, IRQS)









DNV

W

# SUMMARY OF COURSES

Code			Duration
Code	Course Name	Target Ranks	in Days
CLASSROOM BASED COURSES			
BERM	Bridge & Engine-Room Resource Management	All Officers	4
SIM	Maritime Resource Management - Simulator based		5
TVET	Tanker Vetting	All Officers (Tanker/Gas Carriers)	1
TFOT	Training for Onboard Trainers	MAST, COFF, CENG, 2ENG	2
SMGT	Company Safety Management Systems	All Officers	3
SMSR	Shipboard Management Systems for Ratings	All Petty Officers and Ratings	5
RMII	Risk Management and Incident Investigation	All Officers	2
MEPO	Marine Environment Protection - MARPOL	All Officers	4
ODME	Oil Discharge Monitoring & Control System	All Officers	1
FRAMO	FRAMO- Hydraulic Cargo Pumping System	All Officers	3
SBSO	Shipboard Safety Officer Course	All Officers	2
OEKD	Operational Engineering Knowledge for DeckOfficers	MAST, COFF, 20FF, 30FF	4
SIMULATOR BASED COURSES			
SMS	Ship Manoeuvring Simulator & Bridge Teamwork	MAST, COFF	5
BTM	Bridge Team Management	MAST, COFF, 20FF, 30FF	3
ECDIS	Electronic Chart Display & Information Systems (Type Specific)	MAST, COFF, 20FF, 30FF	5
ETM	Engine-Room Team Management	CENG, 2ENG, 3ENG, 4ENG, EOFF	2
ERSO	Engine-Room Simulator - Operational Level *	Engineers Appearing For CL IV MEO	3
ERSM	Engine-Room Simulator - Management Level	Engineers Appearing For CL II MEO	5
WORKSHOP BASED COURSES			
PDSW	Practical Deck Skills Workshop	COFF, 2OFF, 3OFF, CADET, AB, OS	5
CPPT	Corrosion Protection & Paint Technology	All Deck Officers, Ratings	4
EMMW	E. R. Machinery Maintenance Workshop	3ENG, 4ENG, JENG	6
AEMW	Auxiliary Engine Maintenance Workshop	3ENG, 4ENG, JENG	4
PMC	Purifier Maintenance Course	Operational level Engineers	2
HTW1	Gas & Arc Welding Familiarisation Workshop	All Officers, Trainees & Ratings	5
HTW2	Advanced Gas and Arc Welding Workshop	Marine Eng/ Fitters/ Pumpmen/ Repair- Team as per client requirements	10
нтwз	Advanced Tig Welding	Marine Eng/ Fitters/ Pumpmen/ Repair- Team as client requirements	5
LABORATORY BASED COURSES			
PMEW	Practical Marine Electrical Workshop	CENG, 2ENG, 3ENG, 4ENG TRAINEE E/O	6
HVSG	High Voltage Safety & Switch Gear Course	Class I, II, IV & E/O	5
ESPC	Explosion Protection	All Officers	2
HYDR	Marine Hydraulics Workshop	CENG, 2ENG, 3ENG, 4ENG, EOFF	6
BEFT	Basic Electrial & Fluid Technology	3ENG, 4ENG, JENG	6
AELC	Applied Electronics	CENG, 2ENG, 3ENG, 4ENG, EOFF	6
AUTO	Automation & Controls	CENG, 2ENG, 3ENG, 4ENG, EOFF	6
NABC	Nabco M/E Manoeuvring & Control	CENG, 2ENG, 3ENG, 4ENG, EOFF	5
<u> </u>	'AutoChief' AC-4 M/E Manoeuvring & Control with C20		4
INFORMATION TECHNOLOGY RELATED COURSES			
PMS	Star IPS / AMOS	All Officers	2
CHNT	Computer Hardware & Network Troubleshooting		3
BNET	BASS Net	All Officers All Officers	
			2

\* Courses approved by The Directorate General of Shipping Govt. of India.

IMTC maintains quality assurance certification from "DNV" as per their standards DNV-ST-0029 for Maritime Training Providers. IMTC QMS is also certified by "IRQS" for ISO 9001:2008



# **International Maritime Training Centre**

#### A division of Wilhelmsen Ship Management (India) Pvt. Ltd.

201, Sigma, Technology Street, Hiranandani Gardens, Powai, Mumbai - 400 076, India. Tel: +91 22 2570 5570 Email: imtc.mumbai@wilhelmsen.com Website: www.imtcmumbai.org



# **International Maritime Training Centre**



# **COURSE CATALOGUE**