

Expansion and addition of excellent Training Facilities in Mumbai

Eminent ship owners, delegates from various parts of the world had visited the Anglo-Eastern Ship management's post sea training facilities, famously known as AEMTC on 29th November after returning from a tour of the Pre sea Academy at Karjat.

Capt. Pradeep Chawla, Mr. Vijay Gupta, Mr. Sunil Joseph and many other senior management team of Anglo-Eastern group from various AESM Offices across the world had accompanied the guests. Capt. Kersi Deboo, Principal welcomed all the guests and gave a brief introduction on various training courses conducted for value addition of sea going personnel. Capt. Chawla narrated the new approach to tackle the ever growing number of seafarers in imparting quality training. Mr. Francis Akkara, vice-principal, explained how the equipment based training is imperative for engineers and gave a brief note on the new additions of training equipments to the training centre. AEMTC has grown from size to size and added another 5000 Sq. feet area at the training centre to bring up the total space occupied by the centre to 27000 sq.ft.

Guests took a good tour of the training centre and were well impressed with the facilities and enthusiasm that the faculty of AEMTC exuded. In the automation lab, Mr. Graham Johnson from E- Ships inaugurated the modern Electronic automation stand by pushing the button to start the system.

The second addition to the AEMTC's automation lab was Supervisory Control and Data Acquisition system, known as SCADA in short. All the marine control panels set up in the lab now can be supervised and controlled remotely by the SCADA systems. At AEMTC's Automation lab, there are various equipments and training models of shipboard control panels used in different training programmes.

Mr. Francis Akkara, the head of engineering studies explained the need of such training rigs and how effective these training aids are for fault finding and trouble shooting on shipboard equipment. Mr. Nils Otto from SAGA inaugurated the SCADA system and facilities.

AEMTC also have added a new floor with six more classrooms to the existing building, mainly to impart ECDIS training for the increasing fleet. This new facility for ECDIS training has two

ECDIS class rooms and TRANSAS ECDIS mini-simulator to cater to the increasing training need of Officers. AEMTC will be conducting DG approved and type specific ECDIS training for the maritime fraternity.

For enhancing the engineer's knowledge in the automation and instrumentation field, AEMTC training team have designed and developed this unique automation trainer. This trainer is used in various instrumentation courses for measuring and calibrating temperature, pressure, RPM, Digital and analogue inputs and encoder signals. This training rig has the capability of generating signals and calibrating and viewing the signal output from various sensors.

Another innovation is the in-house developed complete working model of an inert gas plant for tanker ships. It has been fitted with the various control valves as on a real ship's IG system. This hardware system has been integrated to a software platform, where the understanding of the functioning and various safety devices in the IG system can be demonstrated for the easy understanding and add more value to the technical content of the course.

Mr. Alastair mentioned in his short speech that training equipments like this are necessary to create onboard situations and control processes to educate the engineers and Deck Officers in the field of trouble shooting and fault finding. We have to move with technology and should integrate the technology that are available onboard also must be available for training. Anglo Eastern is a leading example to show other ship management and ship owning companies that the training does not come second to any other shipping activities. There were three more additions to the Anglo Eastern Maritime Training centre's training facilities in their machinery work shop.

One of the recent lacuna observed among the engineers onboard is the skill to overhaul main engine components, including bearings. The time between overhauls have increased to a much longer period, thereby engineers are not getting enough opportunities to carry out maintenance to such large components, while at sea. Keeping this in mind, Anglo-Eastern training team has set up a main engine connecting rod with bearings and turning gear. This training rig

is of MAN B&W 60 MC Engine and has got cross head bearing, guide shoes, bottom end bearing etc. Engineers will be able to acquire practice and confidence in disassembling and assembling back to gain confidence in carrying out such routine and breakdown maintenance onboard.

Taking the feedback from Technical Department of AESM, Hong Kong and Singapore for the need of such training equipment, the entire assembly was installed at AEMTC. This unit was inaugurated by Mr. Rob Lomas, Secretary General of INTERCARGO by opening the bearings hydraulically.

Anglo-Eastern has always moved towards closing the competency gap, when found onboard. One such need was to impart training for Electrical Officers and Engineers on refrigeration system for provision fridge room. The theoretical knowledge coupled with the practical application of such a system for operation and maintenance was found to be necessary.

Therefore AEMTC built a refrigeration unit which is a replica of an onboard system. This working model is capable of introducing faults in the system which can sharpen the trouble shooting skills of engineers and electrical Officers. The temperature of the cold chambers can go as low as -18 deg C as in the case of the ship meat room.

The modern bilge water separator system being used onboard for bilge / sludge management is by centrifuging method. The system installed at the workshop is for imparting training on the operation and control system of this particular equipment especially for the Engineers. AEMTC has installed the Westfalia make, bilge water separator system, which is a fully operational.

After a detailed tour of the post sea training center of Anglo Eastern Ship Management, the ship owners and delegates were of the strong opinion that the training ideology of AESM and the direction under the guidance of Capt. Pradeep Chawla, Managing Director, QA and Training is absolutely right in various training methodologies adopted here at AEMTC.

Anglo-Eastern Group Chief Operating Officer Mr. Marcel Liedts also congratulated and expressed his sincere gratitude to training team of Anglo-Eastern.

