

Visit to the state-of-the-art AEMTC, by Anglo-Eastern Ship Owners

BSN Network / Mumbai



On the AESM annual seminar, various Ship-owning clients, stalwarts of the Shipping Industry and the top management of Anglo-Eastern, paid a visit to the prestigious Anglo-Eastern Maritime Training Centre in Mumbai (AEMTC Mumbai).

Among the visitors, Rear Admiral John Nadeau, Assistant Commandant for Prevention Policy, USCG, Dr. Phillip Belcher, Marine Director, INTERTANKO, Tim Autrey, Founder and CEO, Practicing Perfection Institute, Terry Floyd, Of Counsel, Reed Smith, Lars G. Nielsen, Director of Ship Survey, Certification and Manning, Danish Maritime Authority, Michael Petersen, Vice President, MAN PrimeServ Copenhagen besides Capt. Bjorn Hojgaard, CEO, HKG - Harald Klein, COO, Mr. Marcel Liedts, Director and many other top management team form various Anglo-Eastern offices around the world.

AEMTC was the first company in India, and the fifth in the world, to be certified under the DNV Class rules for Maritime Training Centres, It was also the second training institution in the world to carry out a benchmarking audit and pass out with distinction.

AEMTC has developed more than 150 training course over a period of time and running many high valued courses as per the industry requirements.

Many of them were visibly seen happy and relaxed to come back to the “temple of maritime knowledge” keenly watched Principal Capt. Deboo’s impressive presentation of the various modern training facilities of AEMTC Mumbai.

The dignitaries were then taken around in groups, accompanied by AEMTC Faculty, for a tour of the entire training centre, including its Workshop. Crisp explanations and demonstrations of various facilities was provided to the guests, who seemed to be looking around with great admiration and listening intently with full interest and enthusiasm.

AEMTC believes in upgrading the training courses and training facilities constantly to keep abreast with the technology advancement and instilling the latest knowledge transfer to the mariners. During the current year AEMTC introduced many hardware equipment like MAN-ME-B Simulator, the working model for cut section Fuel pump, the S- type Separator Alfa Laval, the augmented reality in the Automation Lab, and the Mooring/Windlass brake test kit. Mr. Francis Akkara, head of engineering studies mentioned that Anglo-Eastern has tied up with MAN B&W, now known as Man Energy Solutions for conducting various PrimeServ Courses. Our relationship goes back to almost 12 years, started with MC engine course. Now we have made a PrimeServ Academy in India to MAN Standards. We regularly conduct 5 different PrimeServ courses here in Mumbai.

1. ME- standard operation course
2. ME-Electrician course
3. ME MC Optimisation course,
4. Four stroke classic engine course and now
5. ME-B standard course.

Some of our clients have ME-B engines in their fleet and we can train our engineers going on such vessels with the appropriate technical courses in Mumbai itself. ME-B course is four days duration covering the control systems, operation and fault finding and trouble shooting. Many ship owners and ship mangers having difficulty in training their engineers on appropriate training courses in this region and they have a solution to choose the right training course.

Mr. Richard Von Berlepsch, Managing Director Hapag Lloyd Ship Management inaugurated the ME- B simulator with pride and announced the simulator is open for training marine engineers.

AEMTC has three electronic engine simulators which are produced by the Engine builder used for training. It is very important for the companies to choose the right training course provided by MAN PrimeServ in India for their staff. Blended training with actual practical sessions, trouble shooting with actual engine control system is very important for the sea staff

and vessel managers to understand the system in totality to avoid serious mishaps onboard. Mr. Akkara added.

Augmented reality, generally known as AR, has picked up its importance in technical industry and in Training field as well. AEMTC also foresee lot of scope in technical training and of course onboard ship also. This system can be easily used by the ship staff to understand the system, carry out maintenance and improve various trouble shooting aspects. In training courses, one can actually make a step by step procedure in fault finding and troubleshooting the systems and make engineers smarter.

The office and ship staff can be in synch with each other while communicating with each other while carrying out a fault finding and troubleshooting exercise onboard. Rear Admiral John Nadeau, Assistant Commandant for Prevention Policy, USCG inaugurated the system.

In the recent times, many incidents related to fuel pump damages have been reported, as stringent regulations on Sulphur regulations form some of the ports and ECA areas. So it is very important to teach our engineers mainly the construction, internal components and what can go wrong when they change over the fuel to compliant fuel and back to HFO. Mr. Akkara added, there may be more problems related to fuel handling equipment are expected when 2020 fuel compliance requirement is enforced.

Mr. Nils Otto, Technical Director SAGA ship holding inaugurated the training kit and he commended that right training tool is required to train the engineers for better understanding of internal construction and the function of each parts of the fuel pump.

This training kit is made to ensure engineers understand what is happening inside the pump and how to carry out the maintenance correctly, especially how to dismantle a seized fuel pump.

The next item introduced for training was the Brake rendering test kit for mooring windlass. As per the OCIMF guidelines, ship staff has to build test and maintain the mooring equipment and ensure the brake pads are in good shape. This test kit can be used to demonstrate the method how to actually carry out the test and calculate the brake load capacity can be calculated. We decided to go ahead to make this kit because of many incidents are happening related to mooring devices. Mr. Marcel Liedts mentioned that the testing of brake rendering is being followed by Right Ship inspection programme for bulk carrier. As one of the largest bulk carrier ship management company, it is very important to educate the ship staff how to carry out the test effectively.

As a continuous process of up-gradation of training equipment for training and keeping the engineer's up to date with latest machinery being used on-board. AEMTC presently has Westfalia, Alfa Laval ALCAP and Mitsubishi separators in their work shop for practical training. This time a new type of separator from Alfa Laval called "S Type" separator has been introduced for training. Mr. Martin Kraft, the Technical Director Fednav, Vice President, Ship owning and Technical Services cut the ribbon and started the separator inaugurated the S type separator and declared the equipment is open for training. Mr. Martin mentioned, many

of their fleet of vessels have S type separator and the training kit will assist the engineers to gain confidence in overhauling the high speed machine which has no room for errors.

The guests were very happy about the fact that besides technical skills, AEMTC's training focused a lot on the Human Element and Soft skills as well, as this goes a long way in ensuring safe , efficient and economical overall running of a ship, keeping the safety of people, environment, property and business uppermost in mind.

An informal open forum in which any questions and concerns that anybody might have had, were ably answered and responded by Capt. Chawla and Capt. Deboo As a closing remark, Capt. Bjorn Hojgard, CEO of the group thanked all the guests and the AEMTC trainers for their consistent commitment in imparting training in moulding them to a better seafarer.

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