

Training Circular No. 29 of 2005

No:3-TR(5)/98

Dated:27th December, 2005

Subject :Requirement of full mission simulator for training of liquid cargo handling (oil), liquid chemical handling, liquid petroleum gas handling and liquid natural gas handling simulators.

Maritime Safety and high manpower efficiency is the utmost concern to the Directorate General of Shipping the constituted authority of the Govt. of India for all maritime affairs.

2. In the recent past, the Directorate General of Shipping had granted approval to the liquid cargo handling simulators, which are based on a full mission simulation as well as on a PC base simulation. To ensure the uniformity in the simulation training, the Directorate has taken a policy decision that from 1st of July 2006, all simulator training as per the subject above shall be carried out on a full mission simulation i.e. to say that the training in a simulated environment to that of a ship.

3. Accordingly it has been decided that the full mission simulators need to meet the following standards of simulation:.

(a). It should be suitable for the selective objectives and training tasks.

(b). It should be capable of simulating the operating capabilities of ship-board equipment concerned, to a level of physical

realism appropriate to training objectives, and include the capabilities, limitations and possible errors of such equipments.

(c). It should have sufficient behavioral realism to follow a trainee to acquire the skills appropriate to training objective.

(d). It should provide a controlled operating environment, capable of producing a variety of conditions, which may include emergency, hazardous or unusual situations

relevant to the training objectives.

.(e). It should provide an interface through which a trainee can interact with the equipment, the simulated environment and, as appropriate, the instructor

.(f). It should permit the instructor to control, monitor and record exercises for the effective debriefing of the trainees.

4 All the maritime Training Institutes which have been approved for imparting training, on the above mentioned courses on a PC base simulations, are required to convert to full mission simulations meeting the requirement as stated above prior to 30th June 2006.

5. The full mission simulators meeting the requirement as stipulated in para 3 should have DGS approval.

This issues with the approval of the Director General of Shipping and Secretary to the Government of India.

Sd/-

(Naresh Salecha)

Sr. Dy. Director General of Shipping

