



January 2006

NEWSLETTER

Volume 5, Issue 1

Courses

- Management Courses
- Cargo Handling Courses
- Shiphandling Simulator Courses
- SAS-BRM Course
- DNV ISM & Internal Audit Courses
- BASS Courses
- AMOS Windows Courses
- GMDSS Course
- Spray-painting and sandblasting Courses
- Upgrading courses Cooks and mess-men
- Welding Courses
- Alfa Laval Courses
- Bilge Water Management Course
- Framo Courses

NTC-Manila Cadet Programs

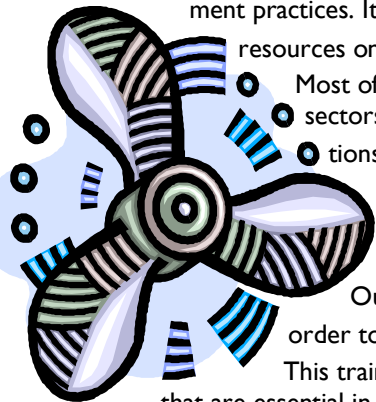
NTC-M Cadets 4 years Education and Training	NTC-M BSMT / BSME Finished 3 years theoretical Education	NTC-Manila Management Level courses	NTC-Manila Electro	NTC-Manila Ratings
2 years theoretical 1 year at sea 1 year theoretical 30 extra courses CBT training CRB / Self study at sea Stay at dormitory	Courses at NTC- Manila Stay at Dormitory Sea time Courses at NTC Manila Board Exam	Courses at NTC Manila Stay at Dormitory Board Exam	4 months Courses at NTC 6 months Sea-time 3 months Course at NTC	Courses at NTC-Manila <ul style="list-style-type: none"> • Welders • Fitters • Able Seamen • Motorman



NTC-Manila has started Cadet, Trainee and Apprentice Programs. We have just finished a 4 weeks training for welders without prior experience. Our Electro / Electrician Cadet Program has been booked out for the 1st Batch and the 2nd batch starting late February 2006 is also fully booked. If you want to know more about our Cadet Program please contact the Project Manager at;
project.manager@ntcm.com.ph.

Engine Room Resource Management Course

This course is designed for all Engine Officers with the objective of attaining positive changes in management practices. It provides practical knowledge on managing human, time and technology resources on board, in particular for the Engine Room personnel.



Most of the incidents, accidents, and disasters resulting to losses by various sectors of the maritime industry occur during: maintenance and repair operations, bunkering operations, cargo loading and transfer procedures.

Other problems that are stressful, critical and sensitive brought about by so many factors being encountered on board are often times too overwhelming.

Our seafarers although technically trained can only take so much and in order to cope up in such situations, training of this type is a must.

This training course deals and provides proper and correct behavioral concepts that are essential in attaining correct decisions onboard during highly operational situations.

The training and specific behavioral objectives highlighted in this training course are new trends and concepts for Shipboard Management Personnel.

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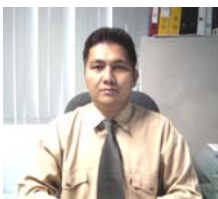
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BACKGROUND

The Norwegian Training Center-Manila (NTC-M) was established by the [Norwegian Shipowners' Association \(NSA\)](#) in order to provide relevant upgrading training for Filipino seafarers serving on the ships of its members. NTC-M came into operation in February 1990 and was shortly after made part of Norwegian Maritime Foundation of the Philippines, Inc. (NMFPI), chartered in May 1990. Improving the human factor in ship operation was a key objective and the establishment of NTC-M constituted an important element of this challenge.

Seafarers of all nationalities, also from non-Norwegian principals are welcome to attend any of the courses provided the space is available and their course fees are paid for by their local agents or their sponsoring companies.

NTC-M / SMS Simulator

Last year, NTC-M joined partnership with the Ship Manoeuvring Simulator Centre (SMS) in Trondheim (Norway), aiming to further upgrade training equipment, offer additional courses and highly qualified instructors.

Since 1990, more than 9500 professional navigators and offshore crane personnel have undergone training courses at SMS. SMS offers a wide range of courses, and is certified i.a.w. DNV Rules for classification of maritime simulator centers and is also approved by the Norwegian Maritime Directorate and The Nautical Institute. **Several of these training programs will be made available in Manila in due course.** SMS also offers consultancy services related to its core activity.

Present major developments / priority areas at SMS are related to prequalification/simulation of marine operations, operations in ice, underwater lifting operations, harbour development studies and accident investigation.



A great deal of SMS training programs are related to Offshore activities, e.g. offshore loading, supply, offshore crane and Dynamic Position operations.

SMS also offers various types of basic and advanced ship handling, escort tug / pilot team training and training at various LNG harbours and terminals world wide. As supplier of STS Lightering courses, SMS is the world leading and preferred training centre.

With this new partnership, **several high quality ship models** will be available for training at NTC-Manila.

In 2006, the training of instructors will continue and include instructors for:

- Liquid Handling Simulation - Dynamic Positioning - Offshore Crane operations

The installation of the LNG / LPG simulator will be finished in week 5 and our first LNG simulator course will start week 6 : Monday February 6th 2006

MARINE REFRIGERANT TRANSITION AND RECOVERY

IMO Annex VI of MARPOL 73-78 came into effect in May 19 2005 makes it an offence to deliberately release ozone-depleting substances into the atmosphere. ABS (American Bureau of Shipping), Lloyds Register of Shipping, European Rules, American Rules, Swedish Rules, DNV Rules, and Dutch Rules prohibit release of refrigerants into the atmosphere and recovery equipment are to be provided to evacuate a system either into the existing liquid receiver or into empty gas cylinders dedicated for refrigerants. NTC-M can provide training for recovery, including refrigeration, using real equipments used on board. This is a 3 days course.