

COOPERATION BETWEEN

**THE ROYAL ASSOCIATION OF NETHERLANDS
SHIPOWNERS (KVR)**

THE PALOMPON INSTITUTE OF TECHNOLOGY (PIT)



**THE NETHERLANDS SHIPPING TRAINING CENTRE
(NSTC)**



March 2015

KVNR

I Introduction

This brochure gives a brief overview of the maritime education and training (MET) activities of the Royal Association of Netherlands Shipowners (KVNR) in Palompon, Leyte, the Philippines.



Visayas



Leyte

II Background and history

In 2000, due to a structural shortage of qualified officers in the Netherlands, the Royal Association of Netherlands Shipowners (KVRN), in close cooperation with the Netherlands Ministry of Transport (currently named Ministry of Infrastructure), selected the Philippines as the most preferred country of origin, outside the European Union, for the recruitment of seafarers.

In 2001 an agreement was concluded between the Republic of the Philippines and the Kingdom of the Netherlands for the recognition of seafarer certificates in accordance with Regulation I/10 of the IMO Convention on Standard of Training, Certification and Watchkeeping for Seafarers, 1978 (STCW).

In the same year the KVRN concluded an agreement with the Palompon Institute of Technology (PIT), Palompon, Leyte, for the education and training of officers for the Netherlands fleet.

From 2001 up to today the KVRN hires the services and expertise of the Shipping and Transport College (STC), a leading maritime academy in the Netherlands, to assist PIT with conducting maritime education at high quality level.

In 2002 the first cadets from PIT were selected for on board training on board Netherlands ships.

On 25 November 2005 the KVRN received the Presidential Award of Distinction for the contribution to the employment of Philippine seafarers, including the education and training activities employed in Palompon.

Also in 2005, the Netherlands Shipping Training Centre (NSTC) was established by PIT, STC and the KVRN. The training centre became operational in 2006. NSTC offers the Basic Training course to the students of PIT and the short courses required for obtaining the first license (Certificate of Competency) as a watchkeeping officer. The courses are offered against reasonable prices affordable for seafarers in Region VIII of the Philippines. The KVRN hires the services and expertise of STC to ensure that the training centre operates at high quality level. NSTC is certified by DNV according ISO 9001:2008 standards



In 2008 the NSTC Dormitory was opened, offering accommodation to 100 PIT students and a maximum of 24 NSTC course participants.

In April 2010 new facilities for the Marine Engineering Department of PIT were officially opened. The new facilities were built and equipped with donations from the Netherlands Ministry of Transport, Public Works and Water Management, the KVRN and STC.

In May 2011 the 10th anniversary of the cooperation between PIT and KVRN was celebrated during the 10th Maritime Recognition and Awarding Ceremony for the 3rd year students of the PIT College of Maritime Education.

On 31 August 2012 PIT celebrated the 40th anniversary of becoming a chartered state college.

On 8 November 2013 the town of Palompon was severely hit by super typhoon Haiyan (Yolanda). With the assistance of STC and KVRN the damage to PIT and NSTC was fully restored by June 2014.

In June 2014 the 13th batch of KVRN-PIT cadets was selected, bringing the total number of cadets selected under the KVRN PIT Cadet Programme since schoolyear 2001 - 2002 at 1,469.



PIT President Ms. Delia Combista and KVNIR president Ms. Tineke Netelenbos celebrating the 10th anniversary of the cooperation between the Palompon Institute of technology (PIT) and KVNIR (May 2011).



Mrs. Lidewijde Ongering, Director-General at the Netherlands Ministry of Infrastructure addressing the selected cadets of batch 12 of the KVNIR PIT Cadet Programme (April 2013)



III Palompon Institute of Technology

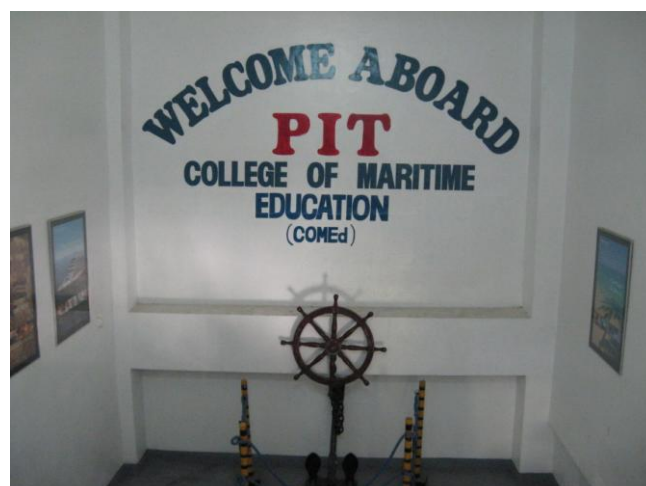
The Palompon Institute of Technology is a chartered state college, offering advanced (graduate), tertiary and secondary education. At the level of tertiary education courses for Bachelor of Science in Marine Transportation (BSMT) and Bachelor of Science in Marine Engineering (BSMarE) are offered by the College of Maritime Education (COMEd).

Under the agreement with PIT the KVNVR offers assistance to the College of Maritime Education through:



- Hiring the services and expertise of STC.
- Donation of instruction materials.
- Offering the opportunity to teachers/instructors to gain experience on board Netherlands ships (Teacher Rotation Programme)
- Making available shipboard training positions to the maritime students.

Support is given to the full maritime programme of PIT and not to selected classes only. PIT is supported year round by STC, with experts of STC present at PIT (and NSTC) on an interval basis.



Students

The BSMT and BSMarE programmes each encompasses a three year curriculum followed by a final fourth year of on board training. Both programmes are conducted with three sections in each of the three curricular years.

Number of students COMed, academic year 2014-2015, 1st semester

BSMT				
	Sections	Male	Female	Total
1st year	3	128	8	136
2nd year	3	126	12	138
3rd year	3	113	12	125
Total	9	367	32	399
BSMarE				
	Sections	Male	Female	Total
1st year	3	125	2	127
2nd year	3	123	4	127
3rd year	3	120	4	124
Total	9	368	10	378
Total number of students COMed : 777				



Maritime students of the PIT College of Maritime Education

Cadets

Under the cooperation between PIT and KVNR the first batch of cadets was selected in 2002 for on board training in the period 2002-2003. In June 2014, the 13th batch of cadets was selected for on board training in the period 2014-2015.

Number of cadets selected for on board training under the PIT KVNR Programme

	BSMT	BSMarE	Total
1 st batch (2002 – 2003)	9	7	16
2 nd batch (2003 – 2004)	35	22	57
3 rd batch (2004 – 2005)	32	25	57
4 th batch (2005 – 2006)	42	37	79
5 th batch (2006 – 2007)	64	46	110
6 th batch (2007 – 2008)	68	49	117
7 th batch (2008 – 2009)	88	65	153
8 th batch (2009 – 2010)	80	81	161
9 th batch (2010 – 2011)	66	76	142
10 th batch (2011 – 2012)	71	76	147
11 th batch (2012 – 2013)	79	78	157
12 th batch (2013 – 2014)	66	76	142
13 th batch (2014 – 2015)	66	65	131
Total	766	703	1,469



Annual ceremony with the newly selected cadets

During the on board training period the performance of the cadets is monitored, including the progress and completion of the training record book. After completion of the on board training year the cadets are assisted and supported with the next steps to obtain the first certificate (license) as watchkeeping officer (OIC), such as taking a review course to prepare for licensure (board) examination, taking the licensure examination and taking the required additional short courses.

Around 80% of the cadets of the first ten batches has successfully passed the PRC Board Exams for Officer In Charge of a Navigational Watch or Officer In Charge of an Engineering Watch.



Listing of successful passers of the January 2014 Deck Officers and February 2014 Marine Engineer Officers licensure exams

From the 1469 selected cadets, 943 (= 64%) are still participating in the programme as officer, trainee officer or cadet.

Number of selected cadets still participating in the PIT KVNR Programme

	Deck	Engine Room	Total
1 st batch (2002 – 2003)	4	2	6
2 nd batch (2003 – 2004)	9	9	18
3 rd batch (2004 – 2005)	14	14	28
4 th batch (2005 – 2006)	15	11	26
5 th batch (2006 – 2007)	25	19	44
6 th batch (2007 – 2008)	27	17	44
7 th batch (2008 – 2009)	41	34	75
8 th batch (2009 – 2010)	44	50	94
9 th batch (2010 – 2011)	40	45	85
10 th batch (2011 – 2012)	48	60	108
11 th batch (2012 – 2013)	75	68	143
12 th batch (2013 – 2014)	66	76	142
13 th batch (2014 – 2015)	66	64	130
Total	474	469	943



Selected cadets receive instructions from their company in the BSMarE Building Computer Laboratory



PIT students at the NSTC Dormitory

IV Netherlands Shipping Training Centre



The Netherlands Shipping Training Centre Foundation Inc. (NSTC) is a maritime training centre accredited under the Maritime Training Council (Department of Labor and Employment). NSTC is a “Joint Venture” between KVNR, PIT and STC. NSTC is a foundation incorporated. Revenues of NSTC, if any, will be invested for improvements both at NSTC and PIT. Courses are offered against fair rates, affordable for the students at PIT and seafarers in Region VIII of the Philippines.

Management

NSTC is managed by STC, for which the latter is partly compensated by the KVNR. Experts of STC are present at NSTC (and PIT) year round on a rotation basis.

Facilities

The main building of NSTC - housing the office and the lecture rooms - is located at the premises of PIT. The fire fighting area is also located at the PIT premises. The wet area is located in the port of Palompon, at the premises of the Philippine Port Authorities (PPA).

If needed, equipment and facilities of NSTC can be used by PIT and vice versa.



NSTC Main Building



NSTC Wet Site



NSTC Fire Fighting Site



NSTC Class Room

Instructors

The teachers of PIT are hired on part time basis as instructors of NSTC.

Courses

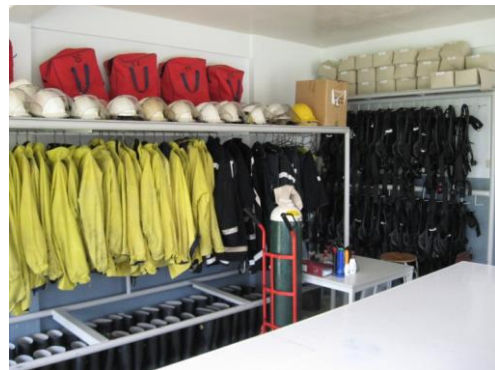
Currently NSTC offers the following 10 courses:

- Basic Safety Training (**BST**)
 - Rating Forming Part of a Navigational Watch (**DWK**)
 - Rating Forming Part of an Engineering Watch (**EWK**)
 - Prevention of Alcohol and Drug Abuse in the Maritime Sector (**PADAMS**)
 - Sexually Transmitted Diseases, HIV, AIDS prevention in the Maritime Sector (**SHAPIMPS**)
 - Proficiency in Survival Craft and Rescue Boat (**PSCRB**)
 - Advanced Fire Fighting (**AFF**)
 - Medical Emergency First Aid (**MEFA**)
 - Entry Enclosed Spaces (**EES**)
 - Draft Survey (**DS**)
- From March/April 2015 NSTC will also offer the combined Security Awareness (SA) – Designated Security Duties (DSD) Course.

The first 5 above mentioned courses are offered to all maritime students (BSMT and BSMarE) at PIT. The courses PSCRB, AFF and MEFA are taken by a large majority of the cadets from the KVN R PIT cadet program as part of the process to obtain the first license as watchkeeping officer. The EES course was developed in 2010 on request of shipowners in the Netherlands. The DS course was introduced in 2011 on request by port facilities in the nearby town of Isabel.



NSTC readers



NSTC equipment



Students taking the MEFA course at NSTC



Training use of breathing apparatus as part of BT

NSTC Dormitory

The NSTC Dormitory is located next to the premises of PIT and offers accommodation to a maximum of 100 PIT students and 24 NSTC course participants. Accommodation is offered to students from PIT at a price affordable for Regional VIII of the Philippines.



NSTC Dormitory main entrance



Sleeping room accommodating four PIT students



NSTC Dormitory Guest quarters

V Facilities of PIT

1 PIT Main Building



Main building



Office of the Dean

1a Marine Computer Laboratory (MCL)



The KVNR sponsored Computer Based Training (CBT) library, based on an annual subscription with Seagull, was recently updated and expanded with 14 new modules to cover both the Manila Amendments and new topics. New modules cover, amongst others, the following subjects; IMO IMSBC Code, Stability, Team Leadership, High Voltage and Hatch Cover Maintenance and Operation.

1b BSMT Chart Room



1c ARPA Simulator Room



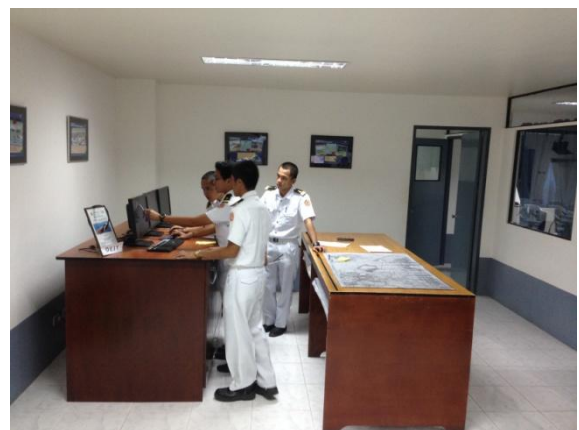
Desk Top Station



Instructor Station



Part Task Bridge



The ARPA Simulator Room encompasses 3 student desktop stations, 1 part task bridge, 1 instructor station and a debriefing room.

1d PIT Main Building class rooms



MFG sponsored class room



MFG sponsored class room

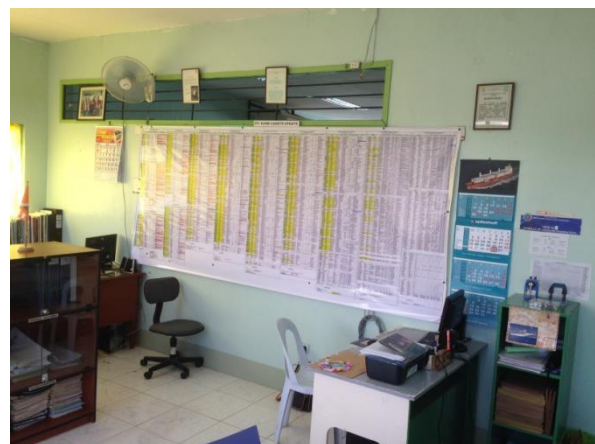


Regular class room main building

1e Shipboard training



ISF On Board Training Record Books used



Office of the Shipboard Training Officer

2 Marine Engineering Building

In 2010 the facilities of the College of Maritime Education of PIT were expanded with a new building for the Marine Engineering Department, donated by the Netherlands Ministry of Transport, Public Works and Water Management. The furniture and equipment for the building were donated by the KVN and STC. The BSMarE Building accommodates four spacious class rooms, two large laboratory rooms, one computer laboratory and an office for the Marine Engineering Department faculty.



New Marine Engineering Building



Official opening of the new Marine Engineering Building by Ms. Combista (PIT President) and Mr. Huyser (Netherlands Ministry of Transport) - April 2010

2a Control Engineering



Control engineering equipment donated by KVN and member companies

2b Work Shop facilities



The machine shop of the BSMarE Department is equipped with a wide variety of materials donated by KVNR, KVNR member companies and STC to enable an effective hands on training of practical skills.

2c Marine Engineering Computer Laboratory (ECL)



Computer Laboratory Marine Engineering Building

2d Marine Engineering Building class rooms



Classroom sponsored by respectively Spliethoff and Seatrade



Classrooms sponsored by respectively Wagenborg and Vroon

3 Planned expansion; ECDIS Simulator and Hydraulic Trainer Set

3a ECDIS-simulator

With the implementation of the 2010 STCW Manila Amendments, the use of ECDIS has become a mandatory part of the education and training standard for deck officers. For this reason the KVNR has decided to purchase an ECDIS simulator for use by PIT. The simulator should encompass 8 student stations and an instructor station.



ECDIS Simulator

3b Hydraulic Trainer Set

Considering the importance of sound practical skills for engineering officers in working with hydraulic systems on board ships, the KVNR has decided to purchase a training set for hydraulics for donation to PIT.



hydraulics training set

4 PIT Library



PIT Library building



Shelves with maritime publications



Locker with maritime publications



Study books are made available to all maritime students of PIT through the KVN PIT Book Fund

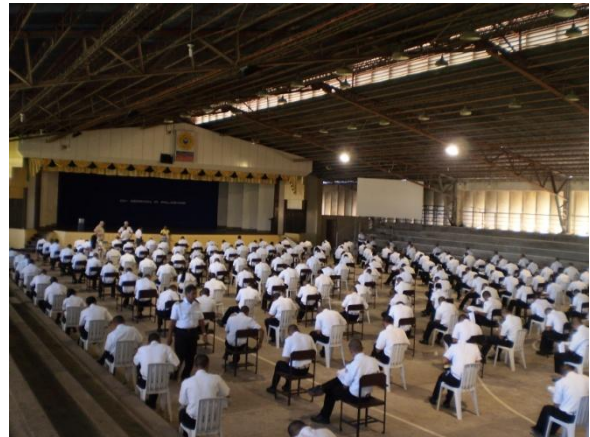


Library study spaces

5 PIT Gymnasium



PIT Gymnasium



PIT students taking exams



19 April 2013 : 12th Maritime Recognition and Awarding Ceremony for the 3rd year students of the PIT College of Maritime Education.



19 April 2013 – KVNR Awards for best student BSMT and BSMarE presented by KVNR President Ms. Tineke Netelenbos

6 Alignment of curricula and courses with STCW Manila Amendments

PIT Curricula


In the period May to August 2013, anticipating the national implementation of the STCW Manila Amendments by MARINA and CHED, the BSMT and BSMarE curricula of PIT were reviewed and revised in close coordination with CHED. After completion of this process the revised curricula were approved by the Technical Panel for Maritime Education (TPME) of CHED.


As next step, currently detailed Course Plans, Instructor Guides, Assessment Matrices, Practical Assessment Forms and Examination Data Bases are developed or revised for alignment with the revised curricula. All documentation is redrafted in a new format, establishing a traceable connection between the learning objectives and the related competences and KUP's (Knowledge, Understanding and Proficiency) as required by the STCW Convention and Code.

The PIT College of Maritime Education is guided and assisted by technical and nautical experts from STC Rotterdam, a process that will continue into 2016.



Review and revision of BSMT and BSMarE documentation by PIT ComEd faculty members

		Republic of the Philippines PALOMPON INSTITUTE OF TECHNOLOGY Palompon, Leyte COLLEGE OF MARITIME EDUCATION			Rev. Date: 08.31.13 Rev. Status: 02 Prepared by: DCM Reviewed by: MT Approved by: CPR Form ID No.: QF-DCM-015	
CURRICULUM BACHELOR OF SCIENCE IN MARINE ENGINEERING						
Term	Course	No.	Descriptive Title	HOURS Lec Lab	Units	Remarks
FIRST YEAR						
1st Sem	Math	1	College Algebra	5 0 5		
	Math	2	Plane Trigonometry and Solid Mensuration	5 0 5		
	Eng	1	Study and Thinking Skills in English	3 0 3		
	Hum	1	World Culture and Geography	3 0 3		
	Nat Sci	1	General Physics	3 3 4		
	Nat Sci	3	General Chemistry	2 3 3		
	Mach	1	Machine Shop	1 6 3		
	PE	1	Basic Swimming	0 2 2		
	NSTP	1	National Service Training Program		(3)	
	OR		Basic Orientation	1 0 (1)		
Total Units				23 14 28		

		Republic of the Philippines PALOMPON INSTITUTE OF TECHNOLOGY Palompon, Leyte COLLEGE OF MARITIME EDUCATION			Rev. Date: 08.31.13 Rev. Status: 02 Prepared by: DCM Reviewed by: MT Approved by: CPR Form ID No.: QF-DCM-015	
CURRICULUM BACHELOR OF SCIENCE IN MARINE TRANSPORTATION						
Term	Course	No.	Descriptive Title	HOURS Lec Lab	Units	Remarks
FIRST YEAR						
1st Sem	Math	1	College Algebra	5 0 5		
	Math	2	Plane and Spherical Trigonometry	5 0 5		
	Eng	1	Study and Thinking Skills in English	3 0 3		
	Fit	1	Komunikasyon sa Akademikong	3 0 3		
	Soc Sc	4	The Life, Works and Writings of Jose Rizal	3 0 3		
	Comp	1	Computer Applications and Networking	2 3 3		
	Nav	1	Terrestrial and Coastal Navigation	3 3 4		
	PE	1	Basic Swimming	0 2 2		
	NSTP	1	National Service Training Program		(3)	
	OR		Basic Orientation	1 0 (1)		
Total Units				25 8 28		

Examples of a part of the revised curricula (revision date 31 August 2013)



***40th anniversary PIT as chartered state college
31 August 2012***