



IAMU 2011 Research Project
(No. 2011-5)

**Research on algorithm of collecting
valuable information MET system and
Human Resource Database in
IAMU Members Universities/Institutions**

By

Keiji ODA

Kobe University, Graduate School of Maritime Sciences

(KU-GSMS)

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By

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Research on algorithm of collecting valuable information
MET system and Human Resource Database in
IAMU Members Universities/Institutions

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Abstract: IAMU was founded more than ten years ago. But as of now there are no publications that compare information about IAMU Member MET systems. The research participants will prepare the algorithm for collection, analyse the necessary information and convert it in matrix form. Above this research work is an initial stage of comprehensive analysis of the educational systems of IAMU Member Institutions. A comprehensive algorithm with strictly-formed information along with a database in its initial stage of research is to be collected by selected members of IAMU.

Keyword: Human Resource Database, MET, IAMU Members Database

1. Introduction

1.1 Background

As mentioned in the IAMU Profile, IAMU was founded by 7 universities/academy/college from 5 countries in November 1999, with a shared recognition of the significance of maritime education and training in the rapid globalization of international shipping. Since then, IAMU has significantly expanded its membership to 54 of the world's leading maritime education and training universities/faculties, with The Nippon Foundation as its special member bringing the total to 55.

At present, there are no publications with comparable information about IAMU Member MET systems. The research participants will prepare the algorithm for collection, analyse the necessary information and convert it to matrix form. This research work is an initial stage of comprehensive analysis of system of education of IAMU Members Institution. A well-prepared algorithm with strictly formed information and a database in its initial stage of research is to be collected by selected members of IAMU.

1.2 Research Objectives

There are three objectives for collecting information of the human resource database of IAMU member institutions.

1. To provide the possibility of academic collaboration based on the current situation in each member universities.
2. To provide the possibility of quality academic interaction with maritime education staff members and research staff.
3. To provide for safe navigation and clean ocean by improving quality of the maritime education, training and research.

The human resource database includes comparison indicators such as an academic degree, a license, a certificate, teaching subjects, research subjects and so on.

The human element is the core concept of the structure of the organization. There are 4 factors such as Man, Machine, Media and Management. These factors are fundamental factors which can be analyzed as a root cause of the accident, proposed by the NTSB, USA. In these factors, human factor is the strongest relation with the human resource.

This research subject does not include the other factors such as facilities, environmental issue and management issue. A desirable goal is to identify the current status of academic degree program which means not only a bachelor degree but also a master degree.

The research participants will prepare the algorithm for collection, analyze the necessary information and convert it in matrix form.

This research work is an initial stage of comprehensive analysis of educational systems of IAMU Member Institutions. Well prepared algorithm with strictly formed information and database on initial stage of research is to be collected by selected members of IAMU.

On second stage such information should be collected from all four IAMU regions. This database in matrix form will be helpful in preparing for future IAMU Model courses.

1.3 Research Theme

Research on algorithm of collecting valuable information MET system and Human Resource Database in *IAMU Members Universities/Institution*

1.4 Procedures

1.4.1 Concept of the Procedures

According to the PDCA spiral, the description of work is explained as follows:

(Plan)

1. To decide the investigating items that can be described as a human resource.
2. To decide how to collect the information of the human resource database of IAMU member institutions in Asia and Pacific Region.
3. To decide the person in charge of several kinds of **working roles**.
4. To decide the working role of this study according to this plan.

(Do)

1. To make the **working schedule**.
2. To exchange comments and opinions on the human resources among member institutions.
3. To record the results of the **regional and local meetings** that are organized by research partners.
4. To **collect the information** of the human resource database of IAMU member institutions in each region.

(Check)

1. To minimize the missing parts of the database.
2. To confirm the data collecting progress according to the working schedule.
3. To compare the balance of the budget using between planning and carrying out.
4. To make sure the **statistic database** of the organizational number values such as student number in each academic course.

(Act)

1. To consider the frame work of sustainable development to apply to other regions based on the information of human resources.
2. To propose academic exchange including assessment with each other in various IAMU regions.
3. To make **the publication** and the data correction for periodical updating by encouraging member institutions.
4. To cope with the big difference between before and after of the organization.

1.4.2 Request for Registration to IAMU members

◆Request #1

Date: 26 July 2011

Method: e-mail

Title: IAMU Maritime Human Resource Database Request

Attachment: Database Request, manual 1.3

== quote ==

(Name of each University)

To whom it may concern,

This is the Office of IAMU Project 2011 at Kobe University, JAPAN.

Regarding the IAMU Maritime Human Resource Database, we would like you to confirm the attached requesting letter and manuals, and share the time for completing “IAMU Maritime Human Resource Database”. Please note that the deadline for inputting the data is the end of August, 2011.

If there are any questions, please contact to

Prof. Masao FURUSHO: furusho@maritime.kobe-u.ac.jp

On system problems, please contact to

Associate Professor Junzo Kamahara: kamahara@maritime.kobe-u.ac.jp

We appreciate your kind cooperation.

Sincerely yours,

--

Kyoko OGURA (Ms.)

Office of IAMU Project 2011

Kobe University, JAPAN

Tel: +81-78-431-6596

E-mail: iamukobe2011@gmail.com

Remarks: The rest of sender is omitted.

◆Request #2

Date: 16 September 2011

Method: e-mail

Title: (name of university) IAMU Maritime Human Resource Database Request

Attachment: IAMU DB – as of Sep. 15

== quote ==

Subject: Request for registration to the Maritime Human Resource Database

Following our mail dated July 26th 2011, we would like to ask your cooperation for building up the Maritime Human Resource Database.

Attached, please find a data-file that mentions the present situation of registration number.

We would appreciate if you encourage the staff members of your university/institution to input their data as soon as possible.

The deadline of this registration is October 1st 2011 at the latest.

Your understanding and kind cooperation is highly appreciated.

Database URL : <http://mhrc.imerc.maritime.kobe-u.ac.jp>

Kobe University
IAMU Project 2011

----- Forwarded message -----

(Name of University)

To whom it may concern,

This is the Office of IAMU Project 2011 at Kobe University, JAPAN.

Regarding the IAMU Maritime Human Resource Database, we would like you to confirm the attached requesting letter and manuals, and share the time for completing “IAMU Maritime Human Resource Database”. Please note that the deadline for inputting the data is the end of August, 2011.

If there are any questions, please contact to

Prof. Masao FURUSHO: furusho@maritime.kobe-u.ac.jp

On system problems, please contact to

Associate Professor Junzo Kamahara: kamahara@maritime.kobe-u.ac.jp

We appreciate your kind cooperation.

Sincerely yours,

◆Request #3

Date: 2 November 2011

Method: e-mail

Title: (IAMU) Request for registration to the Maritime Human Resource Database

Attachment: IAMU DB – as of Oct. 17

== quote ==

Dear All Contact Person of IAMU:

We would once again like ask for your continuous cooperation for the Maritime Human Resource Database System developed by Kobe University under the guidance of the 2011 IAMU project.

Please find the attached chart detailing the number of registrants from each Maritime Institution as of October 17, 2011.

We hope you (all contact persons) have already registered for the system, and we would appreciate it if you could encourage the staff members of your university/institution to input their data by the end of November 2011 and follow up with periodic updates as necessary.

The process takes less than 10 minutes.

One of our goals is to have as many registrants as possible before we submit our report on database participants to IAMU.

Your cooperation is very much appreciated.

You can see how many colleagues/who registered from your university/institution via your “my page” after you have logged into the system.

Database URL: <http://mhrc.imerc.maritime.kobe-u.ac.jp>

If there are any questions, please contact

Associate Professor Junzo KAMAHARA: Kamahara@maritime.kobe-u.ac.jp

Your kind cooperation is highly appreciated.

Best regards,

Masao FURUSHO

Kobe University

◆Request #4

Date: 2 November 2011

Method: fax

Title: Request for registration to the Maritime Human Resource Database (IAMU)

== quote ==

We have previously asked you to promote the registration for the Maritime Human Resource Database System, and once again, we would like to ask your kind cooperation in registering your faculty members for the database.

Maritime Human Resource Database System:

We have constructed the Maritime Human Resource Database System under the guidance of the 2011 IAMU Project.

There are 3 objectives of the database:

- To provide for the possibility of academic collaboration based on the current situation in each member university and institution.
- To improve quality and increase communication in areas of academic interaction between maritime education staff and research members.
- To provide safer navigation and cleaner oceanic environments by improving the quality of maritime education, training and research.

Although the registration deadline was originally the end of October, the database requires continuous improvement and updating, and will continue to accept registrations in the upcoming weeks and months. Your kind understanding and cooperation are highly appreciated.

Masao FURUSHO @ Kobe University

1.4.3 Attached Files

(1) #1 Request Letter



Kobe University Graduate School of Maritime Sciences
5-1-1 Fukaeminami-machi, Higashi-nada, Kobe Japan 658-0022
Phone: +81-78-431-6200 Fax: +81-78-431-6355 E-mail: gmsc-soumu@office.kobe-u.ac.jp

Kobe University, Graduate School of Maritime Sciences
Office of the Dean

11th of July, 2011

From: Keiji ODA, Dean, Kobe University, Graduate School of Maritime Sciences
Chair, the Finance Committee
Member, International Executive Board
International Association of Maritime Universities (IAMU)
To: Heads of IAMU member Universities and Institutions

Subject: Requesting personal data input into the Maritime Human Resource Database
<http://mhrc.imerc.maritime.kobe-u.ac.jp/>

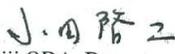
Dear IAMU members,

Teaching staff and research members are requested to input their personal data into the Maritime Human Resource Database. The 3 objectives for the database are:

1. To provide for the possibility of academic collaboration based on the current situation in each member university and institution.
2. To improve quality and increase communication in areas of academic interaction between maritime education staff and research members.
3. To provide safer navigation and cleaner oceanic environments by improving the quality of maritime education, training, and research.

The deadline to register with the Maritime Human Resource Database is the end of August, 2011. The database URL is: <http://mhrc.imerc.maritime.kobe-u.ac.jp/>
Please see the attached manual which explains how to input data. For the 2011 Fiscal year, Masao FURUSHO, Professor at Kobe University Graduate School of Maritime Sciences is the Coordinator.

Sincerely,


Keiji ODA, Dean
Graduate School of Maritime Sciences
Kobe University

(2) #1 Manuals

1

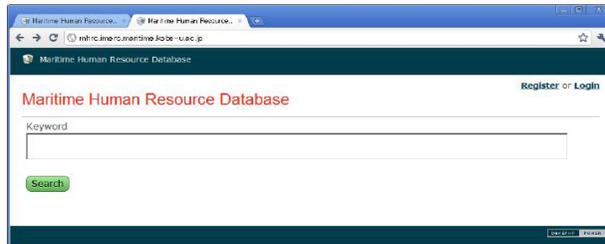
Maritime Human Resource Database

How to access the Maritime Human Resource Database

Input the following URL into your web browser :

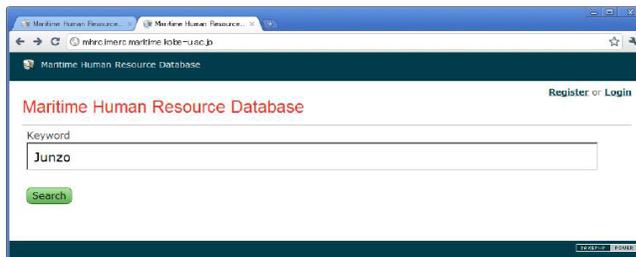
<http://mhrc.imerc.maritime.kobe-u.ac.jp>

Then, you will be able to see this page:



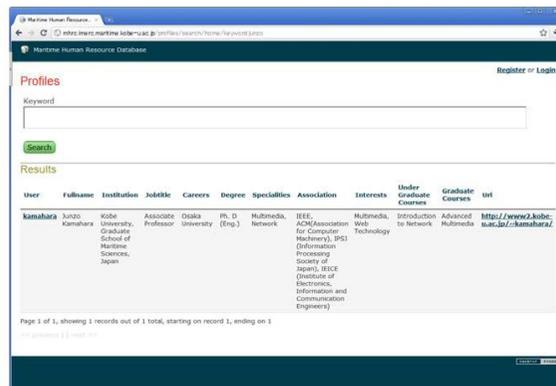
Search for a person you want to find.

Enter a keyword of the person into the input box. Only one word can be used to search.

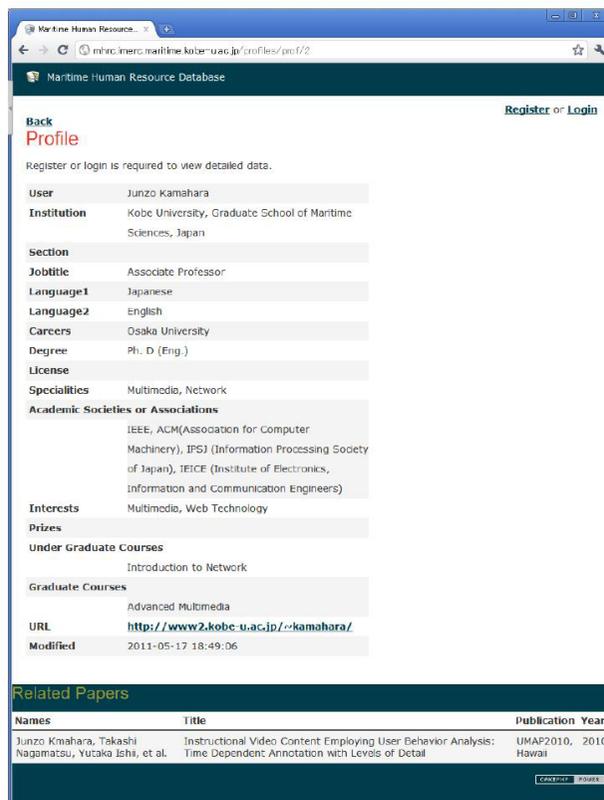


Current version (1.0) supports searching by the name of person, affiliations, careers, specialties, interests, education and account name. Then, press "Search" button.

You will see following page:



Clicking the link of the user name shows the short detail of the retrieved person as shown below:



If there is no person retrieved, the system will show the page below:

You can continue to search by entering the keyword into the input box. The Upper input box is not for searching within results.

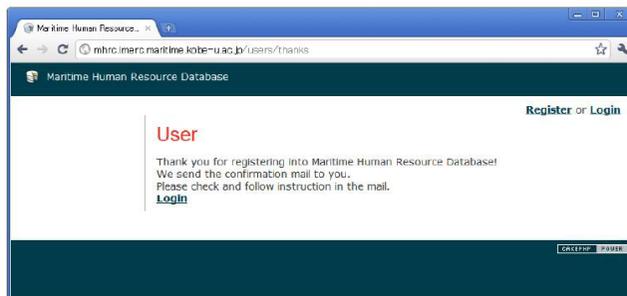
Register for the Maritime Human Resource Database

Please click the “Register” link on the top right of each page to start registering.

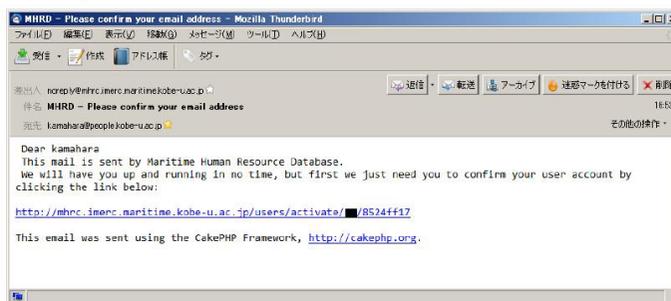
When you see the above page, please enter each field. Don't input any spaces.

Username and email should be unique. Therefore, usernames or emails, which are already registered, will be rejected.

After clicking “submit” button, you will see this page:

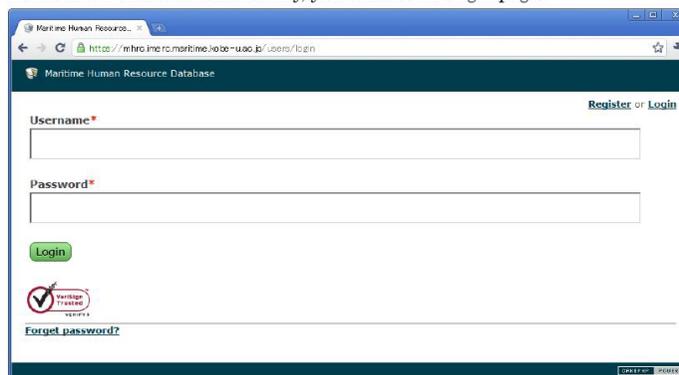


Furthermore, you will receive an email that contains the activation URL:



Please click or copy& paste the activation URL into the address bar of your internet browser ONCE.

If your account is activated successfully, you will see this login page:

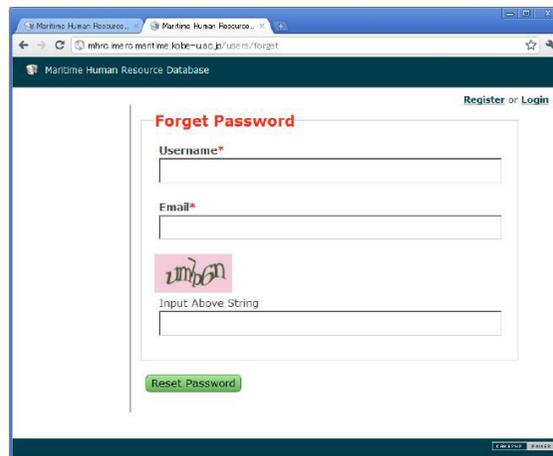


Please enter same username and password that you entered on registering page. If you enter wrong username or password, the same page will continue to be shown without any error message.

If you have some problem or are already activated, you will see this notice page.

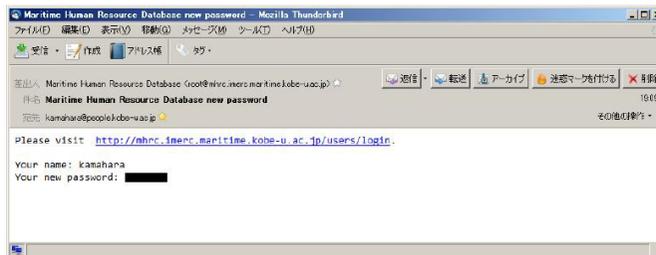


If you forget your password, please click “Forget password” link in the login page. You will see this page:



Please enter your username, email address and image string, and click “Reset Password” link.

If the username and email matched the data in the database, you will receive an email that contains new password.



If you forget your username, please contact MHRD administrator (root@nhrc.imerc.maritime.kobe-u.ac.jp).

Edit user profile

After successfully logging in for the first time, you should edit your profile in the database.

Medicine Human Resource...
<https://mhrc.line.kamohara.kobe-u.ac.jp/profile/add>
 Maritime Human Resource Database
 Welcome, kamahara, [my page](#), [logout](#)

Add Profile

Please enter each field in English.

Fullname (Family name, Name)*

University or Institution*

Section of your institution

Jobtitle/Academic Position (ex. Professor, Associate Professor, Assistant Professor, Lecturer, Research Assistant, etc.)*

Tel (Please start + country code)*

Tel (Please start + country code)

Language1 (ex. English, German, Polish, French, Japanese, etc.)*

Language2

Academic Careers (Last graduated, ex. Kobe University)*

Degree (ex. Ph.D, D.Sc., M.Sc, B.Sc, etc.)*

Maritime License (ex. Master Mariner, etc.)

Each field can be written freely. The fields having "*" are required. Currently, the name of person, affiliations, careers, specialties, interests, education and account name can be used for searching.

Last URL field should be entered valid URL.

Research Interests

Academic Prizes/Award

Main Educational Contents and Teaching Subject

URL

Then you will see below page after clicking "submit" button.

The screenshot shows a web browser window displaying the 'My page' for a user named Junzo Kamahara. The page is titled 'Maritime Human Resource Database' and includes a navigation menu on the left with buttons for 'Search Profiles', 'Edit User Info', 'Edit Profile', 'List Papers', 'New Paper', and 'Manage Photos'. The main content area is divided into sections: 'Profile' (with fields for Id, User, Institution, Section, Jobtitle, Tel, Fax, Language1, Language2, Careers, Degree, License, Specialities, Academic Societies or Associations, Interests, Prizes, Under Graduate Courses, Graduate Courses, URL, Created, and Modified), 'Related Papers' (with a 'New Paper' button), and a 'Logout' link. The user's profile information is as follows:

Id	2
User	Junzo Kamahara
Institution	Kobe University, Graduate School of Maritime Sciences, Japan
Section	
Jobtitle	Associate Professor
Tel	+81 78 431 2609
Fax	+81 78 431 2609
Language1	Japanese
Language2	English
Careers	Osaka University
Degree	Ph. D (Eng.)
License	
Specialities	Multimedia, Network
Academic Societies or Associations	IEEE, ACM(Association for Computer Machinery), IPSJ (Information Processing Society of Japan), IEICE (Institute of Electronics, Information and Communication Engineers)
Interests	Multimedia, Web Technology
Prizes	
Under Graduate Courses	Introduction to Network
Graduate Courses	Advanced Multimedia
URL	http://www2.kobe-u.ac.jp/~z-kamahara/
Created	2011-01-05 14:43:32
Modified	2011-05-17 18:49:06

This is "My page," and your personal page. You can maintain your information from this page. Same information will be shown for another logged user. Contact information will not be shown for users who are not logged in.

You can access below actions by left button menu.

1. Search Profiles: search for other people
2. Edit User Info: changing password
3. Edit Profile: modifying your profile
4. List Papers: list of your registered papers
5. New paper: adding your paper
6. Manage Photos: managing your portrait

Adding your paper

When you click the "new paper" button, you will see this page:

Maritime Human Resource Database

Welcome, kmahara, mypage, logout

Actions

- List Papers
- List Profiles

Add Paper

Names*

Title*

Publication*

Year*

Submit

Please input the bibliographic information of a paper.

Maritime Human Resource Database

Welcome, kmahara, mypage, logout

Actions

- List Papers
- List Profiles

Add Paper

Authors*

Junzo Kmahara, Takashi Nagamatsu, Yutaka Ishii, et al.

Title of paper*

Instructional Video Content Employing User Behavior Analysis

Citation Information (ex. Journal name, Conference name, etc.)*

UMAP2010, Hawaii

Year*

2010

Submit

You will see the page like below after clicking "submit" button.

Maritime Human Resource Database

Welcome, kmahara, mypage, logout

The paper has been saved

Actions

- My page
- New Paper

My Papers

id	Names	Title	Publication	Year	Modified	Actions
10	Junzo Kmahara, Takashi Nagamatsu, Yutaka Ishii, et al.	Instructional Video Content Employing User Behavior Analysis: Time Dependent Association with Levels of Detail	UMAP2010, Hawaii	2010	2011-04-06 15:45:13	View Edit Delete

Page 1 of 1, showing 1 records out of 1 total, starting on record 1, ending on 1

<< previous | next >>

This information will be shown in your profile page:

Related Papers ¹

Id	Profile Id	Names	Title	Publication Year	Created	Modified	Actions
10	2	Junzo Kmahara, Takashi Nagamatsu, Yutaka Ishii, et al.	Instructional Video Content Employing User Behavior Analysis: Time Dependent Annotation with Levels of Detail	UMAP2010, Hawaii	2010-04-06 15:45:13	2011-04-06 15:45:13	View Edit Delete

[New Paper](#)

If you click "view" button in the paper, you can see the paper page:

The screenshot shows a web browser window displaying the 'View' page for a paper in the Maritime Human Resource Database. The page includes a navigation menu on the left with buttons for 'My page', 'List Papers', and 'New Paper'. The main content area displays the paper details:

Paper

Id: 10

Profile: [click here](#)

Names: Junzo Kmahara, Takashi Nagamatsu, Yutaka Ishii, et al.

Title: Instructional Video Content Employing User Behavior Analysis: Time Dependent Annotation with Levels of Detail

Publication Year: UMAP2010, Hawaii

At the top right of the page, there is a user greeting: 'Welcome, kmahara, [mypage](#), [logout](#)'.

Searching profiles

If you click "Search Profiles" button in "my page," you will see this page:

User	Fullname	Institution	Jobtitle	Tel	Fax	Language1	Language2	Careers	Degree	License	Specialties	Associations	Interests	Prizes	Under Graduate Courses	Graduate Courses	Url	Created
kama	Junzo Kama	Kobe University, Graduate School of Maritime Sciences, Japan	Associate Professor	+81 78 431 2609	+81 78 2609	Japanese	English	Osaka University	Ph. D (Eng.)		Multimedia, Network	IEEE, ACM(Association for Computer Machinery), IPSJ (Information Processing Society of Japan), IECE (Institute of Electronics, Information and Communication Engineers)	Multimedia, Web Technology		Introduction to Network	Advanced Multimedia	http://www2.kobe-u.ac.jp/~kama/	2011-05-14 14:43
Masao TURUSHO	Masao Furusho	Kobe University, Graduate School of Maritime Sciences, Japan	Professor	+81 78 431 6244	+81 78 5362 2658	Japanese	English	Kobe University of Mercantile Marine	Dr. in Psychology	Master Harmer	Traffic Psychology at Sea, Maritime Safety Management, Visual Perception at sea (Look-out), Seamanship	The Japan Institute of Navigation, The Illuminating Engineering Institute of Japan, Japanese National Committee of CIE, The Japanese Association of	Ship Safety, Human Error, Element, of Applied Psychology (1999)	Paper Award of Institute of Law	Safety Factors in Maritime Traffic System	Human Factors in Maritime System		2011-10-23 09:10

This page is similar to the top page of MHRD for searching for people, but you can see contact information of the profile from this page.

When you enter a word into the "keyword" field and press "search" button, you will see the list of retrieved people.

User	Fullname	Institution	Jobtitle	Tel	Fax	Language1	Language2	Careers	Degree	License	Specialties	Associations	Interests	Prizes	Under Graduate Courses	Graduate Courses	Url	Created	Modified
kama	Junzo Kama	Kobe University, Graduate School of Maritime Sciences, Japan	Associate Professor	+81 78 431 2609	+81 78 2609	Japanese	English	Osaka University	Ph. D (Eng.)		Multimedia, Network	IEEE, ACM(Association for Computer Machinery), IPSJ (Information Processing Society of Japan), IECE (Institute of Electronics, Information and Communication Engineers)	Multimedia, Web Technology		Introduction to Network	Advanced Multimedia	http://www2.kobe-u.ac.jp/~kama/	2011-05-14 14:43:32	2011-05-17 18:49:06

Page 1 of 1, showing 1 records out of 1 total, starting on record 1, ending on 1

By clicking the highlighted user name, you will see detailed profile page like below;

The screenshot shows a web browser window with the URL <https://mhrd.imerc.maritime.kobe-u.ac.jp/profiles/view/2>. The page title is "Maritime Human Resource Database". On the left, there are "Actions" buttons: "My page", "My Papers", and "Search Profiles". The main content area is titled "Profile" and contains the following information:

- User:** Junzo Kamahara
- Email:** kamahara@people.kobe-u.ac.jp
- Institution:** Kobe University, Graduate School of Maritime Sciences, Japan
- Section:**
- Jobtitle:** Associate Professor
- Tel:** +81 78 431 2609
- Fax:** +81 78 431 2609
- Language1:** Japanese
- Language2:** English
- Careers:** Osaka University
- Degree:** Ph. D (Eng.)
- License:**
- Specialities:** Multimedia, Network
- Academic Societies or Associations:** IEEE, ACM (Association for Computer Machinery), IPSJ (Information Processing Society of Japan), IEICE (Institute of Electronics, Information and Communication Engineers)
- Interests:** Multimedia, Web Technology
- Prizes:**
- Under Graduate Courses:** Introduction to Network
- Graduate Courses:** Advanced Multimedia
- Unit:** <http://www2.kobe-u.ac.jp/~kamahara/>
- Modified:** 2011-05-17 18:49:05

Below the profile information is a "Related Papers" section with a table:

Names	Title	Publication	Year	Actions
Junzo Kamahara, Takashi Nagamatsu, Yutaka Ishii, et al.	Instructional Video Content Employing User Behavior Analysis: Time Dependent Annotation with Levels of Detail	Proc. of UNAP 2010, Springer	2010	View

Editing account information

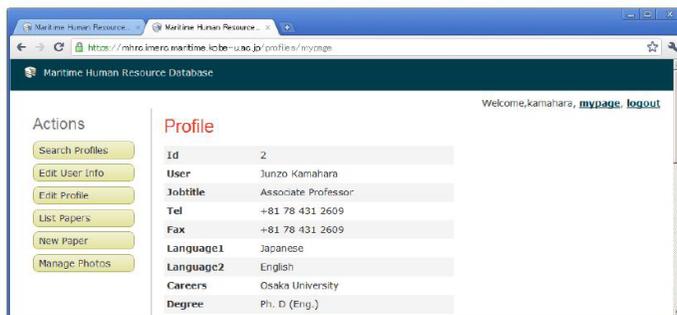
The screenshot shows the "Edit User" form in the Maritime Human Resource Database. The URL is <https://mhrd.imerc.maritime.kobe-u.ac.jp/users/edit/2>. On the left, there are "Actions" buttons: "My page", "List Profiles", "Edit Profile", "List Papers", and "New Paper". The main form area is titled "Edit User" and contains the following fields:

- Username*:** kamahara
- Email*:** kamahara@people.kobe-u.ac.jp
- New Password:** (empty)
- Password Confirm:** (empty)

There is a green "Submit" button at the bottom of the form.

You can't change your username and email. You can modify your password only.
 If you want to change your email, please contact MHRD administrator.

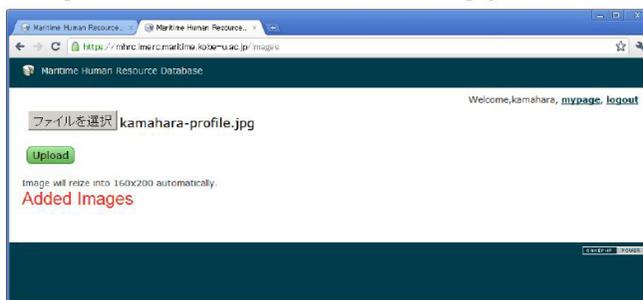
Managing your photos



Click "manage Image" button to upload your photos.



When you push "select file," file choose dialogue will be opened. Please select your photograph in JPEG or PNG format picture. Selected file name will be shown in this page:



Uploaded image will resize into 160x200 automatically.

Press "Upload" button to upload your photograph into the database.

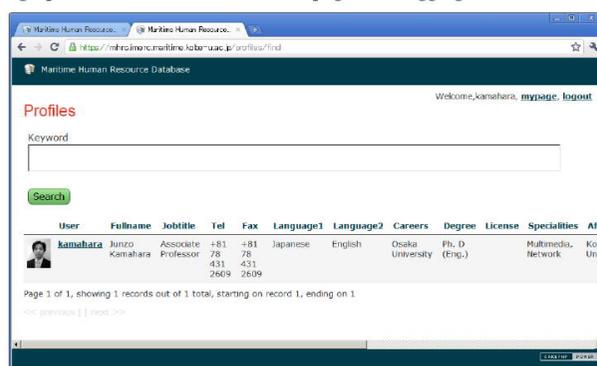


You can see your photograph in the page after uploading successfully.

When you go back to your "mypage," you can see your photograph in your profile page.



Your photograph also will be shown in search page after logging in.



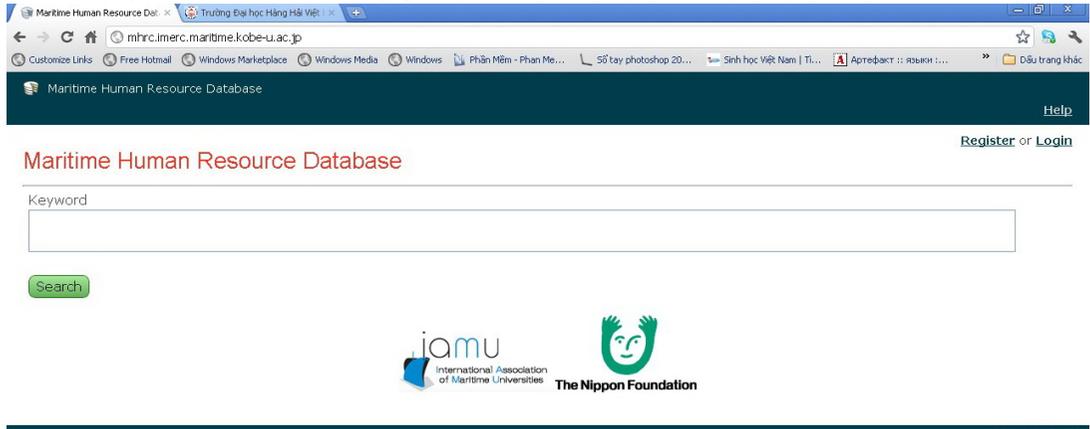
Reference: Revised manuals made by VIMARU

How to success in register the Human Resource Database:

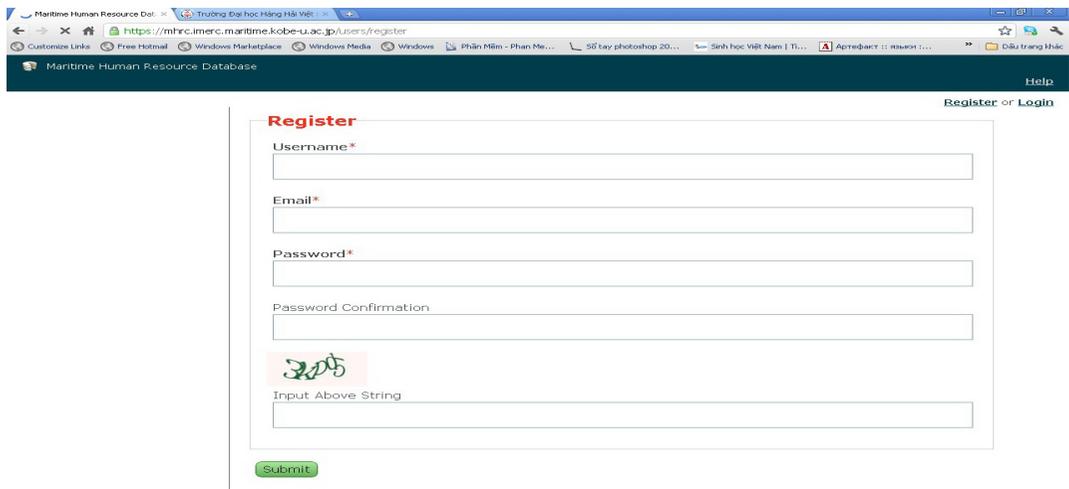
Input the following URL into your web browser:

<http://mhrc.imerc.maritime.kobe-u.ac.jp/>

Then, you will be able to see this page:



Clicking the link of **Register** on the top right of page to start registering.



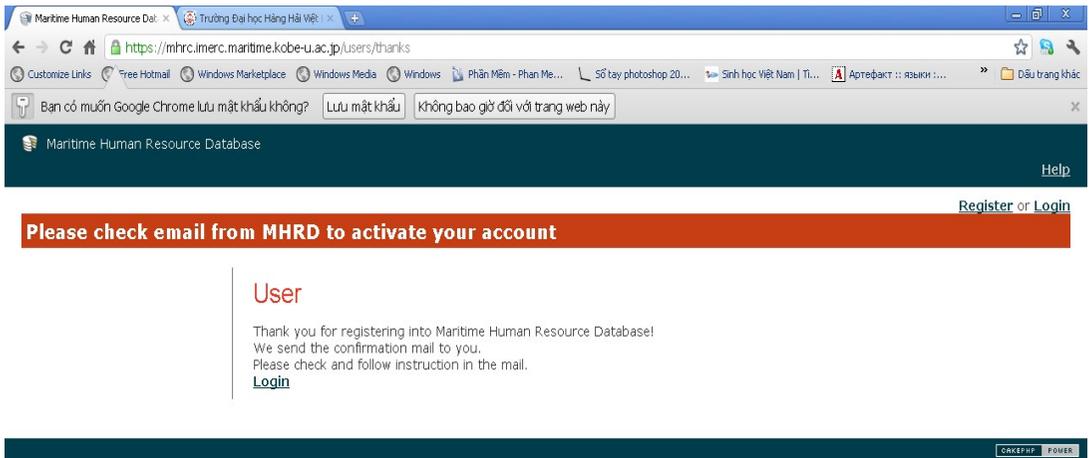
When you see the above page, please enter each file. Don't input any space :

Username: Your name / sign that you'll use in database

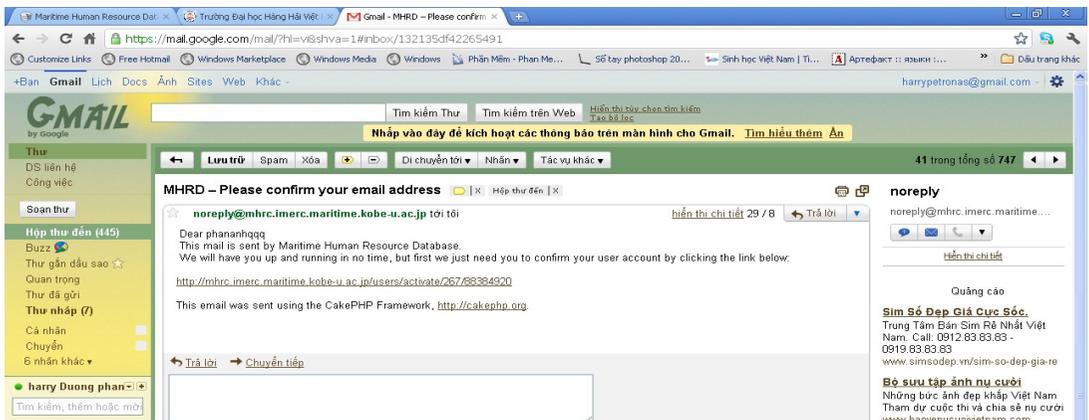
Email: Your available email address. Email and username should be unique. Only one email address is used for one username and vice versa.

Password and password confirmation must be same in correctly.

Then, you put correct string word/letter.
After clicking “submit” button, you will see this page:



Next step, Opening your email address and checking.
You will receive an email that contains the activation URL:

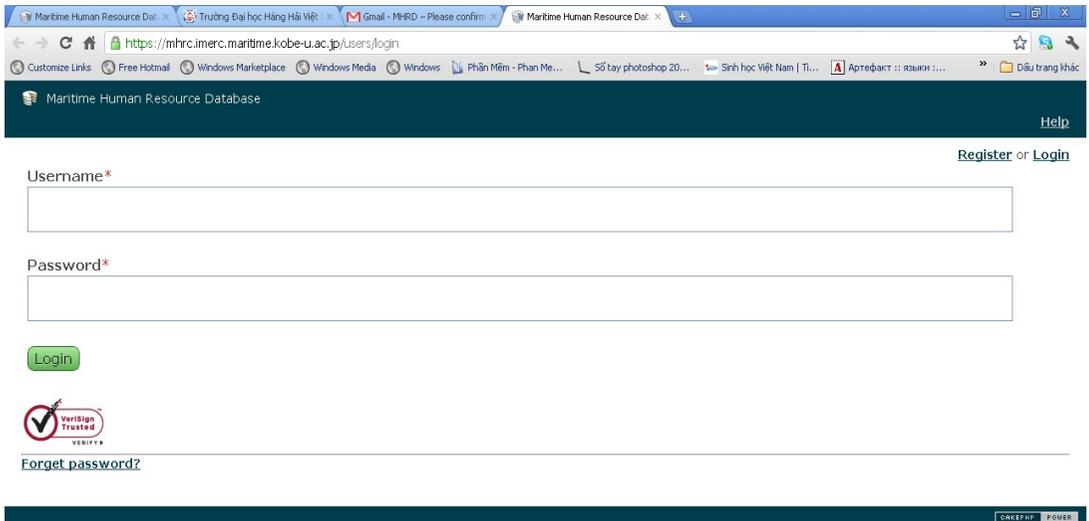


Note : Email has name of no-reply, its can be moved to Junk-box at your e-mail account. Please checking Junk-box if you can not find out this email in in-coming message.

Then, please click or copy & paste the activation URL into the address bar of your internet browser first one.

Example : <http://mhrc.imerc.maritime.kobe-u.ac.jp/users/activate/267/88384920>

When you clicking , the following page will help you login and activate your account:

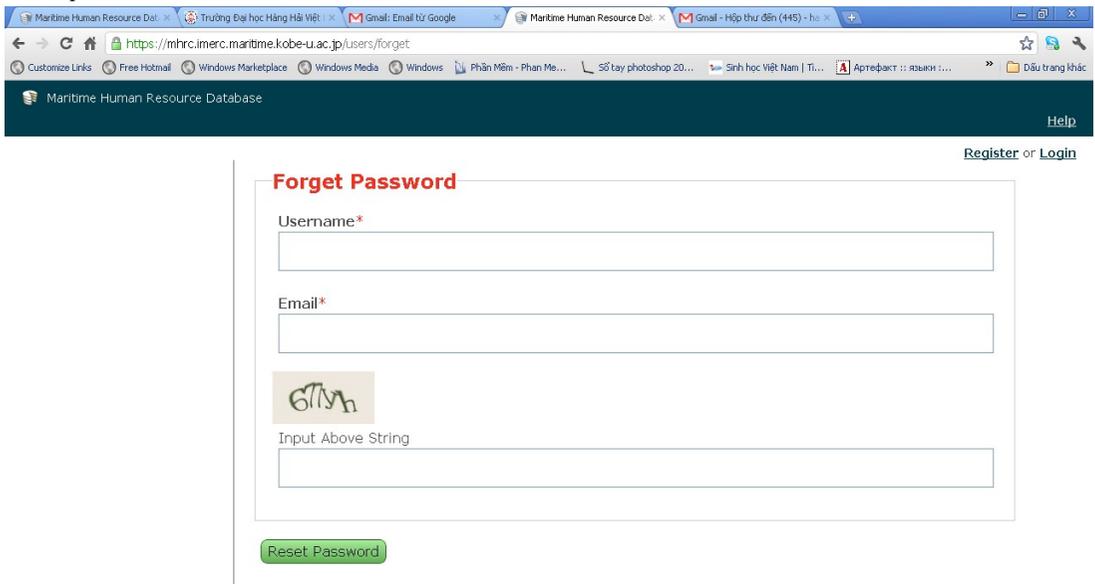


Please enter same username and password that you entered on registering page. If you enter wrong username or password, the same page will continue to be shown without any error message.

If you forget your username, you can recheck your email and will find it after letter : “Dear “

If you forget your password, please click “**Forget password**” link in login page. You will see the following page and please enter your username, email address and image string in correctly as you register and click “Reset password” link:

If the user name and email matched the data in the database, you will receive an email that contains new password.



Edit user profile

After successfully logging in for the first time, you should edit your profile in the database. Please input your information in each blank. With the fields having *,you must not leave it Those information can be found in searching username.

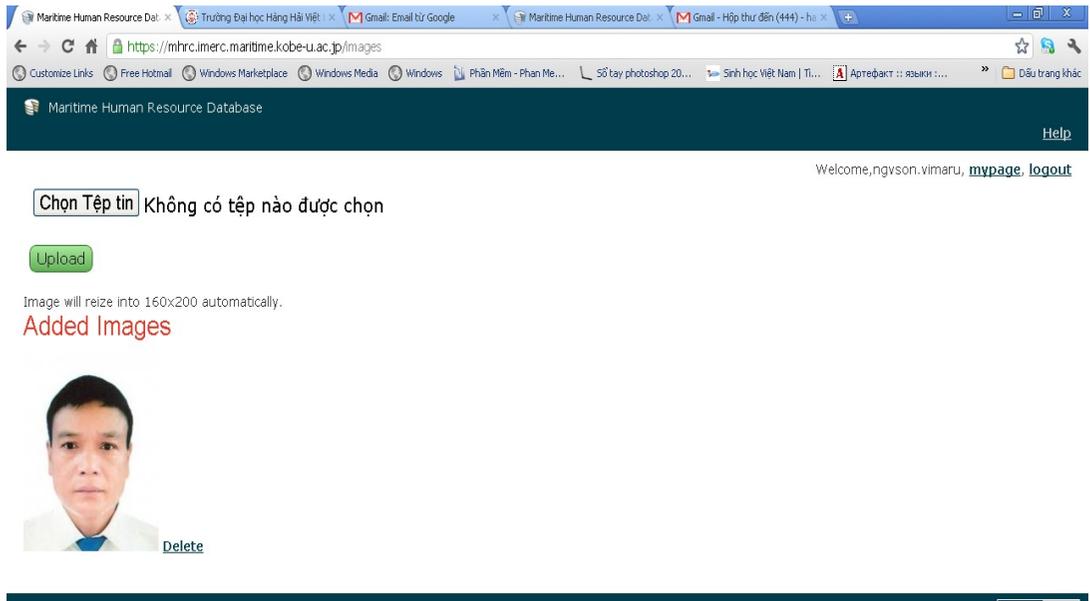
The screenshot shows a web browser window with the URL <https://mhrc.imerc.maritime.kobe-u.ac.jp/profiles/edit/339>. The page title is "Maritime Human Resource Database" and the user is logged in as "ngvson.vimaru". The "Edit Profile" form contains the following information:

- Fullname (Family name, Name)*: Nguyen Van Son
- Select your institution*: Vietnam Maritime University, Vietnam
- Section of your institution: Faculty of Maritime Business
- Jobtitle/Academic Position (ex. Professor, Associate Professor, Assitant Professor, Lecturer, Research Assis etc.)*: Lecturer / Dean of Maritime Business Faculty
- Tel (Please start +country code)*: +84 912064042
- Fax (Please start +country code):
- Language1 (ex. English, German, Polish, French, Japanese, etc.)*: Vietnamese
- Language2: Russian, English

When you finish all information, please clicking “submit” and checking your information (don’t leave any space with * symbol).

Upload your photo image:

Please click “manage photo” and you will see:

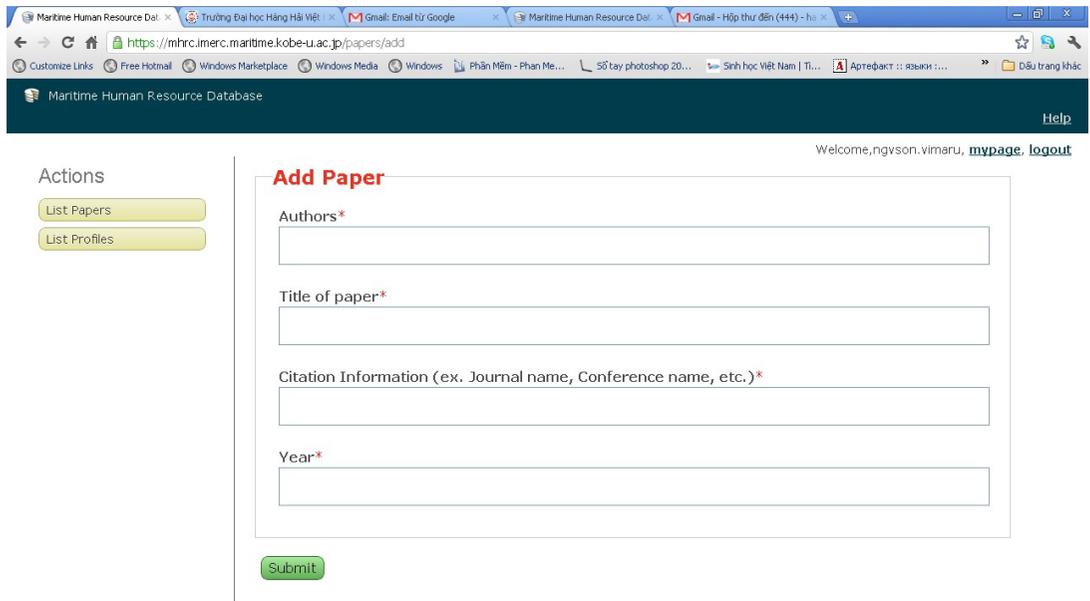


Please browser the photo from your computer and click “upload” for uploading your photo.

You can change your photo by means of clicking [Delete](#) in the right corner of your image and after that you can choose and upload another image.

Input your Newspaper/research sciences building

Please clicking “Newspaper” in the left corner of main page, then you can input any book or thesis, paper of you.



The screenshot shows a web browser window with the URL <https://mhrc.lmerc.maritime.kobe-u.ac.jp/papers/add>. The page title is "Maritime Human Resource Database". On the left, there is a sidebar with "Actions" containing "List Papers" and "List Profiles". The main content area is titled "Add Paper" and contains a form with the following fields:

- Authors*
- Title of paper*
- Citation Information (ex. Journal name, Conference name, etc.)*
- Year*

A "Submit" button is located at the bottom of the form. The user is logged in as "ngvson.vimaru" and has a "logout" link.

You can see your all paper by clicking “List Paper”.

Note : All of information in “Add paper” page are required.

After, "submit" your information you can continue list in your paper. In "My pages", you can access below actions by left button menu:

1. Search profiles : Search for any other people with your keyword

Search results for keyword: vamaru

User	Fullname	Institution	Jobtitle	Tel	Fax	Language1	Language2	Careers	Degree	Lic
ngvson.vamaru	Nguyen Thanh Son	Vietnam Maritime University, Vietnam	Lecturer	+84 31 3829109	+84 31 3735282	Vietnamese	English	Director of International Relations Department of Vietnam Maritime University, Last graduated institution if Russian Academy of sciences	Ph.D	
nvngoc.vamaru	Nguyen Van Ngoc	Vietnam Maritime University, Vietnam	Associate Professor / Dean of Waterway Engineering	+84903449489	+84313631008	Vietnamese	Russian, English	Vietnam Maritime University	Ph.D	
ntminh.vamaru	Nguyen Tri Minh	Vietnam Maritime University, Vietnam	Chief Engineer/Lecturer	+84912498959		Vietnamese	English	Vietnam Maritime University	Ph.D	Chi Eng
mttrong.vamaru	Mai The Trong	Vietnam Maritime University, Vietnam	Lecturer	+84904482990	+84313829244	Vietnamese	English	Vamaru	M.Sc	Mar Mar
txviet.vamaru	XUANVIET, TRAN	Vietnam Maritime University, Vietnam	Lecturer	+84903210211		English		LEQUYDON University	Ph.D	

2. Edit user Info: Changing your password (you can see your username and email address in this pages)

Please edit same password at 2 times (one for register and one for confirmation)

Actions:

- My page
- List Profiles
- Edit Profiles
- List Papers
- New Paper

Edit User

Username*
ngvson.vamaru

Email*
nguyenvanson.kvtvb@gmail.com

New Password

Password Confirm

Submit

3. Edit profile : Modifying your profile

The screenshot shows a web browser window with the URL <https://mhrc.imerc.maritime.kobe-u.ac.jp/profiles/edit/339>. The page title is "Maritime Human Resource Database" and the user is logged in as "ngvson.vimaru". The "Edit Profile" form contains the following fields:

- Fullname (Family name, Name)***: Nguyen Van Son
- Select your institution***: Vietnam Maritime University, Vietnam
- Section of your institution**: Faculty of Maritime Business
- Jobtitle/Academic Position (ex. Professor, Associate Professor, Assitant Professor, Lecturer, Research Assit etc.)***: Lecturer / Dean of Maritime Business Faculty
- Tel (Please start +country code)***: +84 912064042
- Fax (Please start +country code)**: (empty)
- Language1 (ex. English, German, Polish, French, Japanese, etc.)***: Vietnamese
- Language2**: Russian, English

On the left side, there is an "Actions" menu with buttons for "My page", "My Papers", "Search Profiles", and "New Paper".

4. List paper, New paper Manage photo as above

(3) #2 IAMU DB – as of Sep. 15, 2011

abbreviated name	Institution/Representative	2011/8/10	Region I	13	Region II	16	Region III	9	Region IV	17	Remarks
1	AM SMA	Admiral Makarov State Maritime Academy (AM SMA) Kosovaya Liniya 15A, St. Petersburg 191006 Russian Federation www.amsmu.ru							Admiral Makarov State Maritime Academy (Russia) Rector: Valery L. MIKHAYEV, Ph.D. in	1	
2	AUMSA	Admiral Ushakov Maritime State Academy (AUMSA) (Former: Novorossiysk State Maritime Academy) Maritime Academy 93, Lenin Avenue Novorossiysk 353918 Russian Federation http://www.aumsa.ru							Admiral Ushakov Maritime State Academy (Russia)		
3	AMET	AMET UNIVERSITY (AMET) 135 East Coast Road, Karattur-603112, Chennai, India http://www.amethuniv.ac.in/index.asp	AMET University (India)	2							
4	AAST-MT	Arab Academy for Science & Technology and Maritime Transport (AAST-MT) Garnal Abdel Nasser Street, Miami, Alexandria, Arab Republic of Egypt (P.O. Box 1029, Alexandria, Arab Republic of Egypt) www.aast.edu.eg							Arab Academy for Science & Technology and Maritime Transport (Egypt)		
5	AMC	Australian Maritime College (AMC) Maritime Way, Nowlan, Tasmania 7248 Australia - Postal Address: Locked Bag 1398, Launceston, Tasmania 7250, Australia www.amc.edu.au	Australian Maritime College (Australia)	4							
6	BFFSA	Baltic Fishing Fleet State Academy (BFFSA) 15 Molochnyaya Str. 236029 Kaliningrad, Russian Federation www.bffsa.ru							Baltic Fishing Fleet State Academy (Russia)		
7	Batumi	LPL Batumi State Maritime Academy 55 Pushkin Ave. Batumi 6204, Georgia www.bsma.edu.ge							Batumi State Maritime Academy (Georgia)		
8	CMA	The California Maritime Academy (CMA) 201 Maritime Academy Drive, Vallejo, CA, 94590 United States of America www.cma.edu					The California Maritime Academy (USA)	7			
9	CMU	Constanta Maritime University (CMU) Mircea cel Batran 104 Constanta 900663 Romania			Constanta Maritime University (Romania)	66					
10	DMU	Dalian Maritime University (DMU) 1 Linghai Road, Liaoning Province, Dalian 116026 People's Republic of China www.dmu.edu.cn	Dalian Maritime University (China)								
11	DAMARU	Danish Maritime University (DAMARU) (Secretariat) Graaevsg 27, DK-5700 Svendborg, Denmark			Danish Maritime University (Denmark)	1					
12	DEU-SMBM	Dokuz Eylul University, Maritime Faculty (DEU-MF) Tricazice Campus, 35160, Buca, Izmir, Turkey http://www.deu.edu.tr/DEUWeb/English/certificate/eng/eng.htm							Dokuz Eylul University, Maritime Faculty (Turkey)	6	
13	ENSM	Ecole Nationale Supérieure Maritime (ENSM) (CENTRE de MARSEILLE) Avenue Du Corail 13008 Marseille Cedex 08 French Republic www.suportmarine.fr			Ecole Nationale Supérieure Maritime (France)						
14	EMA	Estonian Maritime Academy Kooli 101, 11712 Tallinn, Estonia www.ema.ee			Estonian Maritime Academy (Estonia)						
15	FESTU	Far Eastern State Technical Fisheries University (Dalrydvuz) (FESTFU) 52 B Lugovaya st., Vladivostok 690067 Russian Federation www.festu.ru http://www.festu.ru/vladivostok/cu/eng/eng.htm							Far Eastern State Technical Fisheries University/ Dalrydvuz (Russia)		
16	FMIMUN	Fisheries and Marine Institute of Memorial University of Newfoundland (FMIMUN) P.O. Box 4520 St. John's Newfoundland A1C 5R3 Canada www.fmimun.ca							Fisheries and Marine Institute of Memorial University of Newfoundland (FMIMUN)	2	
17	GMU	Gdynia Maritime University (GMU) 81-225 Gdynia, 81-87 Morska Str., Republic of Poland			Gdynia Maritime University (Poland)	2					
18	HCMC-UT	Ho Chi Minh City University of Transport (HCMC-UT)	University of Transport in Ho Chi Minh City (Vietnam)	3							
19	HSW-UTBD	Hochschule Wismar, University of Applied Sciences - Technology, Business and Design (HSW-UTBD) Philipp-Müller-Straße / PF 12 10, 23966 / 23952 Wismar, Federal Republic of Germany (Richard-Wagner-Str. 31, 18119 Rostock, Federal Republic of Germany) www.hsw-wismar.de			Hochschule Wismar, University of Applied Sciences - Technology, Business and Design (Germany)						
20	IRISL	IRISL Maritime Training Institute (IRISL-MTI) No. 115, Ghaem Magham Farahani St, Tehran, 15896 53313, Islamic Republic of Iran www.irisl.com							IRISL Maritime Training Institute (Iran)	1	
21	ITUMF	Istanbul Technical University, Maritime Faculty (ITUMF) Tuzla, Istanbul, 34340 Republic of Turkey www.itu.edu.tr							Istanbul Technical University, Maritime Faculty (Turkey)		
22	JUASWOE	Jade University of Applied Sciences Wilhelmshaven Oldenburg Eisleh, Department of Maritime Studies, Eisleh (JUASWOE) Klosterstraße 4, D-26931 Eisleh, Federal Republic of Germany			University of Applied Sciences OWK, Department of Maritime Studies, Eisleh (Germany)						
23	JBLFMU	John B. Lacson Foundation Maritime University (JBLFMU) 114 del Pilar Street Marikina Iloilo City, Philippines Zip Code 5000 http://www.jblfm.edu.ph	John B. Lacson Foundation Maritime University (Philippines)	40							
24	Jimei	Jimei University No. 183, Yinjiang Road, Jimei District, Xiamen, Fujian Province, 361021, P.R. of China www.jmu.edu.cn	Jimei University (China)								
25	KTU	Karadeniz Technical University KTU Deniz Ulaştırma İşletme Mühendisliği Bolumu 61600 Samsun TRAZON TURKEY http://www.deniz.ktu.edu.tr/dm/index.html http://www.ktu.edu.tr							Karadeniz Technical University Faculty of Marine Science (Turkey)	9	
26	KU-GSMS	Kobe University, Graduate School of Maritime Sciences (KU-GSMS) 5-1-1, Fukaeminami-Machi, Higashinada, Kobe 658-0022, Japan www.maritime.kobe-u.ac.jp/english			Kobe University, Graduate School of Maritime Sciences (Japan)	14					
27	KMU	Korea Maritime University, College of Maritime Sciences (KMU) # 1 Dongsam-Dong, Yeong Do-Gu Busan 606-791 Republic of Korea www.kmu.ac.kr	Korea Maritime University (Korea)	1							
28	K SMA	Kyiv State Maritime Academy (K SMA) Prunze Str. 9, 04071 Kyiv, Ukraine www.ksmu.kiev.ua							Kyiv State Maritime Academy (Ukraine)		

29	LJMU	Liverpool John Moores University (LJMU) School of Engineering, Technology and maritime Operators, Faculty of Technology and Environment, Byron Street, Liverpool, L3 3AF http://www.ljmu.ac.uk		Liverpool John Moores University, Liverpool Maritime Academy (UK)							
30	MMA	Maine Maritime Academy (MMA) Castine, ME 04420 United States of America www.maine-maritime.edu				Maine Maritime Academy (USA)	2				
31	MIWB	Maritime Institute Willem Barentsz (MIWB)(of the University of Applied Sciences NHL) P.O. Box 26, 880AA Terschelling West, Kingdom of the Netherlands www.miwb.nl		Maritime Institute Willem Barentsz of the Northern University of Professional Education	1						
32	MSU	Maritime State University named after Admiral G.I. Nevelskoy (MSU) 50A, Verkhneportovaya Street, Vladivostok 690029 Russian Federation				Maritime State University named after Admiral G.I. Nevelskoy(Russia)		1			
33	MUC	Maritime University of the Caribbean (MUC) "El Ejercito", Caba La Mar, Vargas State, ZP 1162, Venezuela www.muc.edu.ve				Maritime University of the Caribbean (Universidad Maritima del Caribe)					
34	MassMA	Massachusetts Maritime Academy (MassMA) 104 Academy Drive, Buzzards Bay, MA, 02532- 1803 United States of America www.maritime.edu				Massachusetts Maritime Academy (USA)					
35	MMES	Mexican Maritime Education System (MMES) Cuernavaca No.5 Col. Comdesa C.P. 06140, Mexico City, Mexico www.fidena.org.mx				Mexican Maritime Education System (Fideicomiso de Formación y Desarrollo)					
36	MNMU	Mokpo National Maritime University (MNMU) 571-2 Chukyo-Dong, Mokpo 530-729 Republic of Korea www.mnmu.ac.kr	Mokpo National Maritime University (Korea)	1							
37	NYVNA	Nikola Y. Vaptsarov Naval Academy (NYVNA) 73 Vasil Durnev Street, 9026 Varna, Republic of Bulgaria www.nyvna.acad.bg		Nicola Y. Vaptsarov Naval Academy(Bulgaria)							
38	NF	The Nippon Foundation (NF) The Nippon Zaidan Building 1-2-2 Akasaka, Minato-ku Tokyo 107-8404 Japan www.nipponfoundation.or.jp									
39	ONMA	Odessa National Maritime Academy (ONMA) 8, Didihsnon Street, 65029, Odessa, Ukraine www.onma.edu.ua				Odessa National Maritime Academy (Ukraine)					
40	ONMU	Odessa National Maritime University (ONMU) 34, Mechnikova str., Odessa, Ukraine, 65029 www.osmu.odessa.ua				Odessa National Maritime University(Ukraine)					
41	PUC-FNS	Polytechnical University of Catalonia, Faculty of Nautical Studies Barcelona(PUC-FNS) Pla Del Palau, 18 08003 Barcelona, Spain www.unr.es/fnsh		Polytechnical University of Catalonia, Faculty of Nautical Studies							
42	RMU	Regional Maritime University Post Office Box GP 1115, Accra, Ghana www.rmu.edu.gh				Regional Maritime University(Ghana)		3			
43	SUAS	Satakunta University of Applied Sciences (SUAS) (Former: Satakunta Polytechnic Sector for Technology and Maritime Management) Unit of Maritime Management in Rauma		Satakunta University of Applied Sciences(Finland)							
44	SMU	Shanghai Maritime University (SMU) 1550 Pudong Dadao, Shanghai 200135 People's Republic of China www.shmtu.edu.cn	Shanghai Maritime University (China)								
45	SSU	Southampton Solent University (SSU) East Park Terrace, Southampton SO14 0YN, United Kingdom www.solent.ac.uk		Southampton Solent University(UK)	2						
46	SUNYMC	State University of New York, Maritime College (SUNYMC) 6 Penningfield Avenue, Fort Schuyler, Bronx, New York 10465-1198 United States of America				State University of New York Maritime College (USA)					
47	SMU-P	Szczecin Maritime University (SMU-P) Wlady Chlodzkiego 1/2, 70-600 Szczecin, Republic of Poland www.smu.szczecin.pl		Szczecin Maritime University (Poland)							
48	TAMU	Texas Maritime Academy, Texas A&M University at Galveston (TAMU) 200 Seawolf Parkway, Galveston, TX 77551 United States of America www.tamu.edu				Texas A&M University at Galveston (USA)					
49	TUT-ST	Tianjin University of Technology, Maritime college Binshui west street NO.391 XiQing district Tianjin University of Technology, Tianjin, P.R.China, E-mail: 300384_tjtu@www.tjut.edu.cn	Tianjin University of Technology (China)								
50	TUMST-FMT	Tokyo University of Marine Science and Technology, Faculty of Marine Technology (TUMST-FMT) 2-1-6 Etchujima, Koto-ku, Tokyo 135-8533 Japan www.tamri.ac.jp/Faculty	Tokyo University of Marine Science and Technology, Faculty of Marine Technology(Japan)								
51	UC-ETSN	University of Cantabria - Escuela Tecnica Superior de Nautica (UC-ETSN) Gamazo 1 Santander 39004 Spain http://www.univ Cantabria.es/etna		University of Cantabria - Escuela Tecnica Superior de Nautica (Spain)							
52	UR-FMS	University of Rijeka, Faculty of Maritime Studies (UR-FMS) Studentska 2, HR-51000 Rijeka, Republic of Croatia				University of Rijeka, Faculty of Maritime Studies(Croatia)		1			
53	USMMA	U.S. Merchant Marine Academy (USMMA) 300 Steamboat Road, Kings Point, New York 11024 United States of America www.usmma.edu				US Merchant Marine Academy (USA)	3				
54	VIMARU	Vietnam Maritime University (VIMARU) No. 491 Lac Hong St., Hai Phong City, Socialist Republic of Viet Nam http://www.vimaru.edu.vn/chihi	Vietnam Maritime University (Vietnam)	50							
55	WMU	World Maritime University (WMU) Classerövägen 29, S-201 24 Malmö, Kingdom of Sweden (PO Box 500, S-201 24 Malmö, Kingdom of Sweden) www.wmu.se		World Maritime University (Sweden)	3						
TOTAL (as of 15th of Sept. 2011)					115		75		14	22	226

(4) #3 IAMU DB – as of Oct. 17, 2011

abbreviated name	Institution/Representative	2011/8/10	Region I	13	Region II	16	Region III	9	Region IV	16	Remarks
1 AMSMA	Admiral Makarov State Maritime Academy (AMSMA) Kosaya Liniya 15A, St. Petersburg 199106 Russian Federation www.amsma.ru								Admiral Makarov State Maritime Academy (Russia) Rector: Valeriy L. MIKHHEEV, Ph.D. in	4	
2 AUMSA	Admiral Ushakov Maritime State Academy (AUMSA) (Former: Novorossiysk State Maritime Academy) Maritime Academy B3, Lenin Avenue Novorossiysk 353918 Russian Federation http://www.aumsa.ru								Admiral Ushakov Maritime State Academy (Russia)		
3 AMET	AMET UNIVERSITY (AMET) 135, East Coast Road, Kanathur-803112, Chennai, India http://www.ametuniv.ac.in/index.asp		AMET University (India)	2							
4 AAST-MT	Arab Academy for Science & Technology and Maritime Transport (AAST-MT) Garnel Abdel Nasser Street, Miami, Alexandria, Arab Republic of Egypt (PO Box 1029, Alexandria, Arab Republic of Egypt) www.aast.edu								Arab Academy for Science & Technology and Maritime Transport (Egypt)		
5 AMC	Australian Maritime College (AMC) Maritime Way, Newnham, Tasmania 7248 Australia - Postal Address: Locked Bag 1398, Launceston, Tasmania 7250, Australia www.amc.edu.au		Australian Maritime College (Australia)	4							
6 BFFSA	Baltic Fishing Fleet State Academy (BFFSA) 6 Molodizhnaya Str. 236029 Kaliningrad, Russian Federation www.bffsa.ru								Baltic Fishing Fleet State Academy (Russia)		
7 Batumi	LPPL Batumi State Maritime Academy 53 Rustaveli Ave, Batumi 6004, Georgia www.bsma.edu.ge								Batumi State Maritime Academy (Georgia)	5	
8 CMA	The California Maritime Academy (CMA) 200 Maritime Academy Drive, Vallejo, CA 94590 United States of America www.csm.edu						The California Maritime Academy (USA)	7			
9 CMU	Constantia Maritime University (CMU) Mircea cel Batran 104 Constantia 900693 Romania www.cmu-ru.ro				Constantia Maritime University (Romania)	66					
10 DMU	Dalian Maritime University (DMU) 1 Linghai Road, Liaoning Province, Dalian 116026 People's Republic of China www.dmu.edu.cn		Dalian Maritime University (China)	2							
11 DAMARU	Danish Maritime University (DAMARU) (Secretariat) Graaevvej 27, DK-5700 Svendborg, Denmark Dokuz Eylul University, Maritime Faculty (DEU-MF)				Danish Maritime University (Denmark)	1					
12 DEU-SMBM	1 Nazipce Campus, 35180, Buca, Izmir, Turkey http://www.deu.edu.tr/DEU/Web/English/icerik/icerik.php?KOD=63								Dokuz Eylul University, Maritime Faculty (Turkey)	18	
13 ENSM	Ecole Nationale Supérieure Maritime (ENSM) (CENTRE DE MARSEILLE) Avenue Du Corail 13008 Marseille Cedex 08 French Republic www.suamarseille.fr				Ecole Nationale Supérieure Maritime (France)	3					
14 EMA	Estonian Maritime Academy Kopli 101, 11712 Tallinn, Estonia www.emaa.ee				Estonian Maritime Academy (Estonia)	1					
15 FESTU	Far Eastern State Technical Fisheries University (Dalrybvuz) (FESTFU) 52 B. Lugovaya st., Vladivostok 690087 Russian Federation www.dalrybvuz.vladivostok.ru/en/index.shtml								Far Eastern State Technical Fisheries University (Russia)		
16 FMIMUN	Fisheries and Marine Institute of Memorial University of Newfoundland (FMIMUN) PO Box 4820 St. John's Newfoundland A1C 5R3 Canada www.mi.mun.ca								Fisheries and Marine Institute of Memorial University of Newfoundland (FMIMUN)	6	
17 GMU	Gdynia Maritime University (GMU) 81-225 Gdynia, 81-87 Moraska Str., Republic of Poland www.am.gdynia.p				Gdynia Maritime University (Poland)	7					
18 HCMC-UT	Ho Chi Minh City University of Transport (HCMC-UT)		University of Transport in Ho Chi Minh City (Vietnam)	21							
19 HSW-UTBD	Hochschule Wismar, University of Applied Sciences - Technology, Business and Design (HSW/UTBD) Philip-Müller-Straße / PF 12 10, 23968 / 23952 Wismar, Federal Republic of Germany (Richard-Wagner-Str. 31 - 19119 Brabok - Federal)				Hochschule Wismar, University of Applied Sciences - Technology, Business and Design (Germany)						
20 IRISL	IRISL Maritime Training Institute (IRISL-MTI) No.115, Ghaem Magham Farahani St. Tehran, 15898 53313, Islamic Republic of Iran www.irisl.ir								IRISL Maritime Training Institute (Iran)	1	
21 ITUMF	Istanbul Technical University, Maritime Faculty (ITUMF) Tuzla, Istanbul, 34940 Republic of Turkey www.itu.edu.tr								Istanbul Technical University, Maritime Faculty (Turkey)	40	
22 JUASWOE	Jade University of Applied Sciences Wilhelmshaven Oldenburg Eilsfleth, Department of Maritime Studies, Eilsfleth (JUASWOE) Weserstraße 4, D-26931 Fischen, Federal				University of Applied Sciences OÖW, Department of Maritime Studies, Eilsfleth (Germany)						
23 JBLFMU	John B. Laxson Foundation Maritime University (JBLFMU) M.H del Pilar Street Molo, Iloilo City, Philippines Zip Code 5000 Jimei University		John B. Laxson Foundation Maritime University (Philippines)	41							
24 Jimei	No.183, Yinjiang Road, Jimei District, Xiamen, Fujian Province, 361021, P.R. of China www.jmu.edu.cn		Jimei University (China)	1							
25 KTU	Karadeniz Technical University KTU Deniz Ulaştırma İşletme Mühendisliği Bölümü 61000 Samsun Trabzon TÜRKİYE http://www.deniz.ktu.edu.tr/dsuim/index.html								Karadeniz Technical University Faculty of Marine Science (Turkey)	9	
26 KU-GSMS	Kobe University, Graduate School of Maritime Sciences (KU-GSMS) 5-1-1, Fukeminami-Machi, Higashinada, Kobe 658-0022, Japan		Kobe University, Graduate School of Maritime Sciences (Japan)	58							
27 KMU	Korea Maritime University, College of Maritime Sciences (KMU) # 1 Dongsam-Dong, Yeong Do-Gu Busan 608-781 Republic of Korea		Korea Maritime University (Korea)	6							

28	KSMA	Kyiv State Maritime Academy (KSMA) Frunze Str. 9, 04071 Kyiv, Ukraine www.maritime.kiev.ua						Kyiv State Maritime Academy (Ukraine)	
29	LJMU	Liverpool John Moores University (LJMU) School of Engineering, Technology and maritime Operations, Faculty of Technology and Environment, Byrom Street, Liverpool, L3 3AF			Liverpool John Moores University, Liverpool Maritime Academy (UK)				
30	MMA	Maine Maritime Academy (MMA) Castine, ME 04420 United States of America www.mainemaritime.edu				Maine Maritime Academy (USA)	2		
31	MIWB	Maritime Institute Willem Barentsz (MIWB)(of the University of Applied Sciences NHL) P.O. Box 26, 8800AA Terschelling West, Kingdom of the Netherlands www.miwb.nl			Maritime Institute Willem Barentsz of the Northern University of Professional Education	3			
32	MSU	Maritime State University named after Admiral G.I. Nevelskoy (MSU) 50A, Verkhneportovaya Street, Vladivostok 690026 Russian Federation						Maritime State University named after Admiral G.I. Nevelskoy(Russia)	2
33	MUC	Maritime University of the Caribbean (MUC) "El Ejercito", Catia La Mar, Vargas State, ZP 1162, Venezuela www.muc.edu.ve				Maritime University of the Caribbean (Universidad Maritima del Caribe)			
34	MassMA	Massachusetts Maritime Academy (MassMA) 104 Academy Drive, Buzzards Bay, MA, 02532-1803 United States of America www.maritime.edu				Massachusetts Maritime Academy (USA)	2		
35	MMES	Mexican Maritime Education System(MMES) Cuernavaca No.5 Col. Condesa C P. 06140, Mexico City, Mexico www.fidena.gob.mx				Mexican Maritime Education System (Fideicomiso de Formación y	6		
36	MNMU	Mokpo National Maritime University (MNMU) 571-2 Chulgyo-Dong, Mokpo 530-729 Republic of Korea www.mmu.ac.kr	Mokpo National Maritime University (Korea)	1					
37	NYVNA	Nikola Y. Vaptsarov Naval Academy (NYVNA) 73 Vasil Dumev Street, 9028 Varna, Republic of Bulgaria www.naval-acad.bg			Nicola Y. Vaptsarov Naval Academy(Bulgaria)				
38	NF	The Nippon Foundation (NF) The Nippon Zaidan Building 1-2-2 Akasaka, Minato-ku Tokyo 107-8404 Japan www.nippon-foundation.or.jp							
39	ONMA	Odesa National Maritime Academy (ONMA) 8, Didrikhson Street, 65029, Odesa, Ukraine www.onma.edu.ua						Odesa National Maritime Academy (Ukraine)	1
40	ONMU	Odesa National Maritime University (ONMU) 34, Mechnikova str., Odesa, Ukraine, 65029 www.osmu.odessa.ua						Odesa National Maritime University(Ukraine)	
41	PUC-FNS	Polytechnical University of Catalonia, Faculty of Nautical Studies Barcelona(PUC-FNS) Pla Del Pallars, 18 08003 Barcelona, Spain www.upc.es/fn			Polytechnical University of Catalonia, Faculty of Nautical Studies	8			
42	RMU	Regional Maritime University Post Office Box GP 1115, Accra, Ghana www.mu.edu.gh						Regional Maritime University(Ghana)	9
43	SUAS	Satakunta University of Applied Sciences (SUAS) (Former: Satakunta Polytechnic Sector for Technology and Maritime Management) Unit of Maritime Management in Rauma.			Satakunta University of Applied Sciences(Finland)				
44	SMU	Shanghai Maritime University (SMU) 1550 Pudong Dadao, Shanghai 200135 People's Republic of China www.shmtu.edu.cn	Shanghai Maritime University (China)	3					
45	SSU	Southampton Solent University (SSU) East Park Terrace, Southampton SO14 0YN, United Kingdom www.solent.ac.uk			Southampton Solent University(UK)	2			
46	SUNYMC	State University of New York, Maritime College (SUNYMC) 6 Pennyfield Avenue, Fort Schuyler, Bronx, New York, 10466-4198 United States of America				State University of New York Maritime College (USA)	21		
47	SMU-P	Szczecin Maritime University (SMU-P) Waly Chrobrego 1/2, 70-500 Szczecin, Republic of Poland www.am.szczecin.p			Szczecin Maritime University (Poland)				
48	TAMU	Texas Maritime Academy, Texas A&M University at Galveston (TAMU) 200 Seawolf Parkway, Galveston, TX 77551 United States of America				Texas A&M University at Galveston (USA)			
49	TUT-ST	Tianjin University of Technology, Maritime college Binshui west street NO.391 XiQing district Tianjin University of Technology, TianJin, P.R.China, Post code: 300384 http://www.tjut.edu.cn	Tianjin University of Technology (China)						
50	TUMST-FMT	Tokyo University of Marine Science and Technology, Faculty of Marine Technology (TUMST-FMT) 2-1-8 Etchujima, Koto-Ku, Tokyo 135-8533 Japan www.kaiyodai.ac.jp/FacMT	Tokyo University of Marine Science and Technology (Japan)						
51	UC-ETSN	University of Cantabria - Escuela Tecnica Superior de Nautica (UC-ETSN) Gamazo 1 Santander 39004 Spain http://centros.unican.es/nauticas			University of Cantabria - Escuela Tecnica Superior de Nautica (Spain)				
52	UR-FMS	University of Rijeka, Faculty of Maritime Studies (UR-FMS) Studentska 2, HR-51000 Rijeka, Republic of Croatia						University of Rijeka, Faculty of Maritime Studies(Croatia)	4
53	USMMA	U.S. Merchant Marine Academy (USMMA) 300 Steamboat Road, Kings Point, New York 11024 United States of America www.usmma.edu				US Merchant Marine Academy (USA)	3		
54	VIMARU	Vietnam Maritime University (VIMARU) No. 484 Lachtray St., Haiphong City, Socialist Republic of Viet Nam http://www.vimaru.edu.vn/thbt	Vietnam Maritime University (Vietnam)	82					
55	WMU	World Maritime University (WMU) Citadellsvägen 29, S-201 24 Malmö, Kingdom of Sweden (PO Box 500, S-201 24 Malmö, Kingdom of Sweden).			World Maritime University (Sweden)	5			
TOTAL (as of 17th of Oct. 2011)				221	96	47	93	457	

(5) IAMU DB – as of Dec. 20, 2011 (latest)

abbreviated name	Institution/Representative	2011/8/10	Region I	13	Region II	16	Region III	9	Region IV	16	Remarks
1 AMSMA	Admiral Makarov State Maritime Academy (AMSMA) Kosaya Liniya 15A, St. Petersburg 199106 Russian Federation www.amsma.ru								Admiral Makarov State Maritime Academy (Russia) Rector: Valery L. MICHESV, Ph.D., in	8	
2 AUMSA	Admiral Ushakov Maritime State Academy (AUMSA) (Former: Novorossiysk State Maritime Academy) Maritime Academy 93, Lenin Avenue Novorossiysk 353918 Russian Federation http://www.aumsa.ru								Admiral Ushakov Maritime State Academy (Russia)		
3 AMET	AMET UNIVERSITY (AMET) 132, East Coast Road, Kottamthur-603112, Chennai, India http://www.ametriv.ac.in/index.php		AMET University (India)	16							
4 AAST-MT	Arab Academy for Science & Technology and Maritime Transport (AAST-MT) Gamal Abdel Nasser Street, Miami, Alexandria, Arab Republic of Egypt (PO Box 1029, Alexandria, Arab Republic of Egypt)								Arab Academy for Science & Technology and Maritime Transport (Egypt)		
5 AMC	Australian Maritime College (AMC) Maritime Way, Newnham, Tasmania 7248 Australia - Postal Address: Locked Bag 1398, Launceston, Tasmania 7250, Australia www.amc.edu.au		Australian Maritime College (Australia)	4							
6 BFFSA	Baltic Fishing Fleet State Academy (BFFSA) 6 Molodoy zhnyaya Str. 236029 Kaliningrad, Russian Federation www.bffsa.ru								Baltic Fishing Fleet State Academy (Russia)	5	
7 Batumi	LPI Batumi State Maritime Academy 53 Rustaveli Ave. Batumi 6204, Georgia www.bpsa.ge								Batumi State Maritime Academy (Georgia)	5	
8 CMA	The California Maritime Academy (CMA) 200 Maritime Academy Drive, Vallejo, CA. 94590 United States of America www.cma.edu						The California Maritime Academy (USA)	12			
9 CMU	Constanta Maritime University (CMU) Micea cai Batran 104 Constanta 900663 Romania				Constanta Maritime University (Romania)	66					
10 DMU	Dalian Maritime University (DMU) 1 Linghai Road, Laoshan Province, Dalian 116029 People's Republic of China www.dmu.edu.cn		Dalian Maritime University (China)	22							
11 DAMARU	Danish Maritime University (DAMARU) (Secretariat) Graaevsvej 27, DK-5700 Svendborg, Denmark				Danish Maritime University (Denmark)	1					
12 DEU-SMBM	Dokuz Eylul University, Maritime Faculty (DEU MF) Trnazepe Campus, 25160, Buca, Izmir, Turkey http://www.deu.edu.tr/DEUWeb/English/for/fora.php?acik=20090803								Dokuz Eylul University, Maritime Faculty (Turkey)	18	
13 ENSM	Ecole Nationale Supérieure Maritime (ENSM) (CENTRE de MARSEILLE) Avenue Du Coral 13008 Marseille Cedex 08 French Republic www.ensm.fr				Ecole Nationale Supérieure Maritime (France)	3					
14 EMA	Estonian Maritime Academy Kopli 101, 11712 Tallinn, Estonia www.emar.ee				Estonian Maritime Academy (Estonia)	1					
15 FESTU	Far Eastern State Technical Fisheries University (Dalrybuzh) (FESTU) 52 B Lugovaya st., Vladivostok 690007 Russian Federation www.festu.dalrybuzh.vladivostok.ru/eng/index.shtml								Far Eastern State Technical Fisheries University Dalrybuzh (Russia)		
16 FMIMUN	Fisheries and Marine Institute of Memorial University of Newfoundland (FMIMUN) PO Box 4920 St. John's Newfoundland A1C 5R3 Canada www.mu.nu.ca						Fisheries and Marine Institute of Memorial University of Newfoundland (Newfoundland (FMIMUN))	13			
17 GMU	Gdynia Maritime University (GMU) 81-225 Gdynia, 81-87 Morska Str., Republic of Poland				Gdynia Maritime University (Poland)	12					
18 HCMC-UT	Ho Chi Minh City University of Transport (HCMC-UT)		University of Transport in Ho Chi Minh City (Vietnam)	21							
19 HSW-UTBD	Hochschule Wismar, University of Applied Sciences - Technology, Business and Design (HSW-UTBD) Philipp-Müller-Strasse / PF 12 10, 23966 / 23962 Wismar, Federal Republic of Germany (Richard-Wagner-Str. 31, 18119 Rostock, Federal Republic of Germany)				Hochschule Wismar, University of Applied Sciences - Technology, Business and Design (Germany)	1					
20 IRISL	IRISL Maritime Training Institute (IRISL MTI) No.115, Ghossein Magham Farahan St, Tehran, 15896 5313, Islamic Republic of Iran www.irisl.ir								IRISL Maritime Training Institute (Iran)	1	
21 ITUMF	Istanbul Technical University, Maritime Faculty (ITUMF) Tuzla, Istanbul, 34940 Republic of Turkey www.itu.edu.tr								Istanbul Technical University, Maritime Faculty (Turkey)	40	
22 JUASWOE	Jade University of Applied Sciences Wilhelmshaven Oldenburg Elmshorn, Department of Maritime Studies, E-leafeth (JUASWOE) Meesenstraße 4, D-26221 Elmshorn, Federal				University of Applied Sciences OWK, Department of Maritime Studies, Elmshorn (Germany)						
23 JBLFMU	John B. Lacson Foundation Maritime University (JBLFMU) MH cai Pinar Street Molo Iloilo City, Philippines Zip Code 5000 http://www.jblfm.edu.ph		John B Lacson Foundation Maritime University (Philippines)	42							
24 Jimei	Jimei University No.183, Yanjiang Road, Jimei District, Xiamen, Fujian Province, 361021, P.R. of China www.jimei.edu.cn		Jimei University (China)	2							
25 KTU	Karadeniz Technical University KTU Deniz Ulaştırma İşletme Mühendisliği Bölümü 61600 Sürmene Trabzon TURKEY http://www.deniz.ktu.edu.tr/dum/index.html, http://www.ktu.edu.tr								Karadeniz Technical University Faculty of Marine Science (Turkey)	13	
26 KU-GSMS	Kobe University, Graduate School of Maritime Sciences (KU-GSMS) 5-1-1, Fukuetsumimachi, Higashinada, Kobe 658-0022 Japan www.maritime.kobe-u.ac.jp/english		Kobe University, Graduate School of Maritime Sciences (Japan)	72							
27 KMU	Korea Maritime University, College of Maritime Sciences (KMU) #1 Dingnam-Dong, Yeong Do-Gu Busan 608-791 Republic of Korea www.kmu.ac.kr		Korea Maritime University (Korea)	29							
28 K SMA	Kyiv State Maritime Academy (K SMA) Frunze Str. 9, 04071 Kyiv, Ukraine www.ksmu.kyiv.ua								Kyiv State Maritime Academy (Ukraine)	9	
29 LJMU	Liverpool John Moores University (LJMU) School of Engineering, Technology and maritime Operations, Faculty of Technology and Environment, Byrom Street, Liverpool, L3 3AF United Kingdom				Liverpool John Moores University, Liverpool Maritime Academy (UK)	1					
30 MMA	Maine Maritime Academy (MMA) Castine, ME 04420 United States of America www.maine-maritime.edu						Maine Maritime Academy (USA)	3			

1.5 Project Meeting

1.5.1 Project Meeting #1

Date: 28, 29 August 2011

Venue: Kobe University, Fukae campus

Agenda:

Review of Database Project / Activities in 2010, Strategy for utilization of these databases, etc.

Participants:

Professor Masao Furusho, KU-GSMS

Capt. Dmytro Zhukov, ONMA

Professor Bogumil Laczynski, GMU

Professor Jin Soo Park, KMU

Associate Professor Xu Bin, DMU

Associate Professor Junzo Kamahara, KU-GSMS

Associate Professor Matthew John Rooks, KU-GSMS

Conference coordinator Kyoko Ogura, KU-GSMS

Self-introductions: (Rooks, Kamahara, Ogura, Park, Zhukov, Laczynski, Xu, Furusho)

* Gdynia Maritime University will have more database registrants after classes resume in Fall, as will Odessa National Maritime Academy.

* Agenda confirmation & overview -- (no extra additions to agenda)

Provisional Agenda Items

1. Review of Database Project / Activities in 2010Activities in 2011
2. Activities 2011

Presentation of Capt. Dmytro S. ZHUKOV –

- IAMU was founded 10 years ago, but at the moment, there is little research comparing info between IAMU & MET system
- List of IAMU Regional Coordinators & Research participants
- main objective was algorithm for collection and analysis of information, conversion into matrix form
- comprehensive analysis of such information
- Work schedule: September 2010 ~ December 2010 project conceptualized and created
- Flow chart algorithm was created, along with survey questionnaire
- (further details found in IAMU Research Project Manual (2010-4))
- IAMU Region information gathering: 14 educational institutions from different regions
- Kobe, Tokyo, Gdynia, Szczecin, etc = 26% response ratio, good result in short time (3 mos.) Laczynski not sure if it is a good result
- Regions: Africa/ Central Europe, Americas, Asia / Pacific, Europe (EU)
- Different IAMU member institutions can be accessed via database, with general info, structure, etc available for each member.
- Zhukov says that Human Resource Database Project should have moderators who check, confirm with contact person, and authorize information before publishing online.
- Laczynski says that the likelihood of false information input is unlikely, and thus not a high priority.

- Zhukov suggests that institution database can be merged with personal database via links. Easy to do, very useful for the future.
- Zhukov reiterates that personal data information should be moderated and checked before published online
- Laczynski says that categories, interests, and specialities should be unified for easier input. Prepare a list to choose from, or advanced search function which can be grouped into for viewing.
- > Zhukov shows keyword search function, but filter functions are needed to improve search function.
- Zhukov wants future funding for *support* of project, in fiscal year 2011 & 2012.
- Xu asks if all teaching staff should register for database - answer = as many as possible
- Zhukov notes that someone must update database, at least twice per year.
- Xu suggests that a good example of Institution database entry would be helpful for applying institutions

OVERVIEW -- 3 main points:

- **PRIMARY = merge 2 databases (via links and other),**
- **SECONDARY (a) = improve search functions and filters,**
- **SECONDARY (b) = require information authorization.**

Viewpoint from

1. Institution Database & Personal Database

Confirming

- a. Institution Data Base items: (see page 3 of project manual for details)
 1. General info
 2. national system of education and MET
 3. academic maritime education
 4. non-academic maritime education
 5. structure of institutions
 6. differences in national maritime universities
 7. statistics of national MET
 8. training ships (if any)
 9. description of maritime education programs (curriculum, hours, etc)
 10. onboard training scheme
 11. academic personal database

- b. Personal Data Base items: (see page 2 of project pamphlet for details)
 1. User info (name, etc)
 2. Institution name
 3. Section
 4. Job title
 5. Language 1
 6. Language 2 (+ extra languages)
 7. Academic History
 8. Degree
 9. License
 10. Specialities
 11. Academic Societies or Associations
 12. Research Interests
 13. Prizes
 14. Undergraduate courses

15. Graduate courses
 16. URL
 17. Last modified
- c. Collection rate -- About 80% goal, with a minimum of 50 staff registrations per institution
Laczynski brings up point of staff who can't use English.
- d. Task force / Sharing of roles -- each member should contribute.
1. Rooks to US: SUNYMC (46), USMMA (53)
 2. Kamahara to Europe: Sweden (55), France (13), Denmark (11), UK (29)
 3. Zhukov: hasn't received response from Ghana (42)
 4. Park: Mokpo, Korea (36), KMU (27), plans to visit Ho Chi Minh (18), maybe Philippines (23)
 5. Xu: emails to Jimei (24), Shanghai (44), Dalian (10), Tianjin (49), planning to go to Australia (5)
 6. Laczynski: EU, Estonia (14), visit Germany in September (19 & 22), try to contact Bulgaria (37), Holland
 7. Furusho: all others

SUMMARY OF PART D:

- **Region 1:** - Xu plans to visit Tianjin (49) & Australia (5)
- Park will visit Ho Chi Minh (18) & Philippines (23)
- **Region 2:** - Laczynski to Germany (19) & (22), maybe Barcelona (41)
- Kamahara to Sweden (55), France (13), Denmark (11), UK (29)
- **Region 3:** - Rooks to SUNY (46) & USMMA (53)
- Furusho to (maybe) Venezuela (33) & Mexico (35)
- **Region 4:** - Zhukov to Georgia (7) & Croatia (52)

- e. Collection Way / Method

Explanation of the manual by Kamahara:

- demonstration of search filters in personal database - specialities and research interests can be searched, but searching by institutions still needs to be fixed
- procedure demonstration (CAPTCHA strings used to avoid registrations bots)
- My Page root system menus
- Personal contact information is kept private if the user is not logged in
- secure connection is used after successful login (https://)
- User -> Profile => universities, images, papers
- Profiles: not all fields are required
- Papers: authors, title, citation, year
- Profile images also accepted, automatically resized (160x200) large images may be distorted when resized
- Universities: ID, title, URL, region_id
- As of August 28th, 153 registered members

2. Regional Area: Regional 1/2/3/4 [iamu.edu.org login = iamu password = member991112]

Confirming:

- a. Relationship among member universities

- (efforts to establish contact with ENMM (Marseille)
- Mexico (35), Caribbean (33), FESTU (15) = little or no contact/participation
- UC-ETSN (51) not active in IAMU

- T AMU (48) also little/no contact ** (Rooks will try to contact)
- b. Contact person in each member universities
 - (various updates and confirmations made to .xls file by Kamahara)
- c. Task force / sharing of roles (decided earlier)

3. Reporting Works

Confirming

Chapter titles:

1. Introduction (Furusho) –
 - Background, objectives, research team, procedures & project meetings
2. Institution Database (Zhukov) –
 - database model, summary of statistics
3. Personal Database (Furusho) –
 - [same format as I.D.] database model, example, general statistics, regional & institutional comparisons
4. Utilizing the Database (Laczynski) –
 - encourage communication and interaction between institutions, researchers, and teachers, compare programs, create information networks, breakdown into different user groups (researchers, institutions, industry, government, etc).
5. Directions for Future Development (Furusho with cooperation from all) –
 - How can this data be used? Who can access the information? Institutional access codes? Connect and integrate with other projects/databases (i.e. library databases), linking up Institutional Database & Personal Database. Kamahara & Yuri (IT) will contact via email to discuss possibilities.
6. Conclusion (Furusho)
 - Person in charge: (Rooks will check and proofread)
 - Editing work schedule -- **Draft at end of November, Report should be finished at end of December.**
 - Role of report: Obligation to show progress and continued work.

4. Strategy for utilization of these databases led by **Laczynski**

- Possibility for the organization of conferences designed to research specialties
- Increase inter-institution contact between faculty and students as well
- Prepare an impressive, comprehensive presentation highlighting the strengths and advantages of the database
- Formal report of who is accessing database, as well as how often (via IP address analysis, etc)
- Come up with examples, possibilities, comprehensive list of uses
- Laczynski to prepare some ideas, as well as collect other ideas for future IAMU Report (Chapter 4)
- Xu says that individual institutions will have various uses for the database, for example some non-English institutions will be able to use it to find and invite teachers to come and give lectures in English, teacher-training, language training, specialty training, intensive courses, etc.
- Platform for future contact, organization, conferences, etc.
- Park: Institution Database very good reference for other universities, institutions, etc to learn about and model programs.
- Also good reference for graduate study candidates to find experts to help with research, choosing graduate programs, etc.
- Rooks: Make future reports accessible online
- Laczynski: Create search and grouping functions

- Ver.1.3 & Discussion for increasing the collection rate
5. Next Meeting at the time of IEB in October, 2011 at KOBE: October 19th @ Meriken Hotel
 - a. AGENDA ITEM: Clearly define and customize search filters and parameters to ensure helpful search results
 - b. Laczynski will prepare Utilization memo
 - c. Reporting works
 - d. Status of database organization
 - e. Regional reports (travel, contact, etc)

1.5.2 Project Meeting #2

Date: 19 October 2011

Venue: Kobe Merikenpark Oriental Hotel

Agenda:

Overview of current registration of Personal Database,

Future plans for activities and strategies for the Database Projects, Report Issues, etc.

Participants:

Professor Masao Furusho, KU-GSMS

Capt. Dmytro Zhukov, ONMA

Professor Bogumil Laczynski, GMU

Professor Jin Soo Park, KMU

Associate Professor Xu Bin, DMU

Associate Professor Junzo Kamahara, KU-GSMS

Associate Professor Matthew John Rooks, KU-GSMS

Conference coordinator Kyoko Ogura, KU-GSMS

Student Mitsuhiro Morita, KU-GSMS

AGENDA ITEMS

1. Opening from Furusho
2. Review of August IAMU Project Meeting by Rooks
3. Overview of current registration of Personal Database by Kamahara
 - Current totals as of Oct. 19, 2011 are 457, which is up from 151 on Aug. 25th, 2011
 - Good progress has been made, but more registrants are needed
 - New function: "List Institution Member" introduced, allowing users to see registered faculty by institution
 - Short demonstration of how to use new function
4. Research trip explanations:
 - A.) Kamahara --
 - Went to Sweden, presented and met with WMU institution members (5 faculty staff), who promised to promote the database to the World Maritime University staff.
 - Went to Denmark to visit the Danish Maritime University (DAMARU) to talk about database, and staff was very responsive in showing interest in participating, but requested functions to

import database items.

- Went to France to visit Ecole Nationale Supérieure Maritime (ENSM) and talked to the head of the department, who also showed interest in participating with database. Translation of English manual into French was necessary. Kamahara will ask for a copy of French translation.
- Went to UK to visit Liverpool John Moores University (LJMU), members reported problems inputting profile data.
- Over 800 people have tried to create accounts, but only 457 have been successful. Kamahara will create a FAQ (Frequently Asked Questions) to help those who are having difficulties registering.

B.) Rooks --

- Went to New York and visited USMMA, Professor Kumar was receptive, but cited logistical problems with staff as a barrier for registration.
- Went to SUNYMC, and received a promise to promote the database to faculty both via email communication and faculty meetings.
- Received suggestions to open mass-registration to office staff from each institution in order to ensure higher registration numbers.

C.) Xu –

- Will plan to visit Tianjin University (TUT-ST) in November, Australia (AMC) in December

D.) Park --

- Cancelled plans to visit Philippines due to budget concerns and jump in registrants
- Visited Ho Chi Minh (HSW-UTBD), some faculty are on vacation, and will register after classes resume.
- Received comments that the information was already available of University websites in English, so repeating the process was troublesome. If mass-registration was made available, registrations would surely rise.

E.) Laczynski --

- Visited Barcelona (PUC-FNS), presented the project, and was able to promote registrations
- No time to visit Germany, and difficulty in communication and schedule arrangement
- Received support from own staff at Gdynia (GMU) to register
- Suggested making a list of universities that have not responded to communications regarding the project.

F.) Zhukov –

- Croatia (UR-FMS) & Batumi State Maritime Academy in Georgia have registrants.
- Further reports of registrant difficulties.
- Further support for mass-registration of faculty information.
- Laczynski notes that mass-registration may lead to incorrect information being registered.
- Further requests for institution database registration from US and China.
- *** Zhukov notes that increased promotion of the Database Projects is needed at IEB meetings to secure future funding for expansion and maintenance of databases.

5. Human Resource Database Issues:

- Goal has been changed to increase database registrations from 457 to over 1,000.
- Good chance to increase registrations, as all institutions are currently in session, and faculty are available.
- Concerted effort to reach out to universities to encourage registration is needed.

- Go through institution list by entries that have not yet responded or registered for database, and enact plans for communication with contact people / acquaintances to stimulate further registrations.
- Ogura-san will contact all contact people via email and fax to try and encourage participation.
- Deadline for registration to be included in Database Report extended through end of November.

6. Institutional Database Issues:

- Difficulties in collecting data from institutions
- 65% ~ 75% participation is realistic by end of November
- The following regions need more registrations:
- REGION 1: India, Australia, China, Philippines, Vietnam
- REGION 2: Romania, Denmark, France, Estonia, Germany, UK, Netherlands, Finland
- REGION 3: USA, Canada
- REGION 4: Ghana, Iran

****LUNCH BREAK****

7. Future plans for activities and strategies for the Database Projects

- Implement upgrades to database and requests for future participants will require future funding.
- Open database for mass-registrations by designated moderators.
- Keep database registrations open past report deadline.
- Special contact people may be necessary for communications with IAMU Database Project.
- Preparatory meeting for future Database Project meetings can take place in Canada in 2012.
- Frozen funds can be utilized in 2012 for demonstrating results and subsequent activities that stemmed from the Database Project.
- Foster an image to encourage more cooperation and eliminate reports of hesitancy on the part of potential database registrants.
- New develops should be continuously made to avoid the project stalling and losing momentum.
- Visible activities are necessary to promote continuous participate in databases.
- Showing gathered IEB members at the regional meetings who is and is not participating in the IAMU database projects may help to stimulate increased participation.
- Use the current participation list to briefly demonstrate and encourage members to join database.
- Do this short presentation for both Institutional and Personal Databases.

8. Report Issues:

- Reconfirm Chapter titles:
 - i. Introduction (Furusho) –
 - Background, objectives, research team, procedures & project meeting
 - ii. Institution Database (Zhukov) –
 - database model, summary of statistics
 - iii. Personal Database (Furusho) –
 - [same format as I.D.] database model, example, general statistics, regional & institutional comparisons
 - iv. Utilizing the Database (Laczynski) –
 - encourage communication and interaction between institutions, researchers, and teachers, compare programs, create information networks, breakdown into different user groups (researchers, institutions, industry, government, etc).
 - v. Directions for Future Development (Furusho with cooperation from all) –
 - How can this data be used? Who can access the information? Institutional access codes? Connect and integrate with other projects/databases (i.e. library databases), linking up Institutional Database & Personal Database. Kamahara & Yuri (IT) will contact via email to discuss possibilities.

vi. Conclusion (Furusho)

- Person in charge: Furusho (Rooks will check and proofread)
- Editing work schedule -- **Draft at end of November, Report should be finished at end of December.**
- Role of report: Obligation to show progress and continued work.
- Travel and correspondence reports needed by Furusho by the 5th of December.
- Zhukov will send Furusho the old format for report submissions to be used in the upcoming report.

9. Plans for continuation in the next fiscal year.

- Maintenance and server hosting fees for database must be taken care of for 2012.
- Kobe University can host the Personal Database at no extra costs, but the institutional database needs funding.
- If databases are merged via external links, some connections can be made, but if both databases are merged onto one server, maintenance and access can be streamlined.
- Use resources like "Human Resource Information Systems: Basics, Applications, and Future Directions" (book), "What is a database?" (website) and "Resource Management Data" (report) to help focus future directions for projects.
- 8 months is a very short time to organize the databases, so future funding should be requested.

10. How, when, and where will the next IAMU Database Project meeting be? What will be discussed?

- Still undecided, but will continue to work out how to meet, perhaps over internet.
- Perhaps coordinate with AGA and IEB in Canada next year for Database Project Meeting, but may prove difficult as current participants are not IEB members.
- How to show progress in reports?
- How to solve budget problems for members to travel and participate in meetings?
- Tentative plan to meet in May or June, 2012 @ Kobe
- Ask IAMU Secretary for travel budget in order to have all members join meeting.

2. Institution Database

2.1 Introduction

In formal and informal discussion between representatives of IAMU Member Institutions, a lack of valuable information concerning national systems of MET, qualifications of teachers/instructors, existing system of professional career etc. have been observed. Proper collected information is very useful and utilized in different national MET systems and its exchange should be considered by IAMU members. Establishing a proper database according to original algorithm prepared by group of researchers gives a tool for developing National model and methods of MET systems.

2.2 Research Objectives

The research participants prepared the algorithm for collecting and analyzing the necessary information and converted it to matrix form. The human resource database includes comparison indicators such as an academic degree, a license, a certificate, teaching subjects, research subjects and so on.

2.3 Theory Background

2.3.1 Algorithm

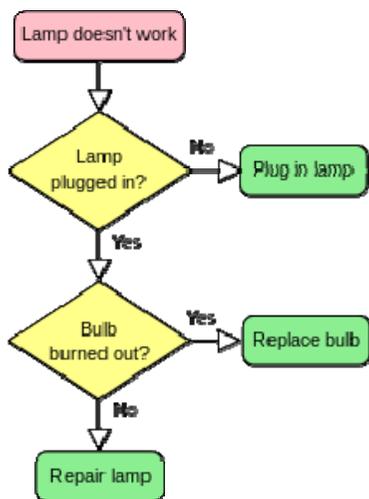


Fig. 1 Algorithm example

In mathematics, computer science, and related subjects, an algorithm (derived from the name of mathematician al-Khwārizmī) is an effective method for solving a problem expressed as a finite sequence of steps. Algorithms are used for calculation, data processing, and many other fields. (In more advanced or abstract settings, the instructions do not necessarily constitute a finite sequence, and even not necessarily a sequence; e.g., "nondeterministic algorithm".)

This is an algorithm that tries to figure out why the lamp doesn't turn on and tries to fix it using the steps. Flowcharts are often used to represent algorithms graphically.

Each algorithm is a list of well-defined instructions for completing a task. Starting from an initial state, the instructions describe a computation that proceeds through a well-defined series of successive states, eventually terminating in a final ending state. The transition from one state to the next is not necessarily deterministic; some algorithms are known as randomized algorithms, incorporate randomness.

A partial formalization of the concept began with attempts to solve the Entscheidungs problem (the "decision problem") posed by David Hilbert in 1928. Subsequent formalizations were framed as attempts to define "effective calculability"^[1] or "effective method";^[2] those formalizations included the Gödel–Herbrand–Kleene recursive functions of 1930, 1934 and 1935, Alonzo Church's lambda

calculus of 1936, Emil Post's "Formulation 1" of 1936, and Alan Turing's Turing machines of 1936–1937 and 1939.

The adjective “continuous” when applied to the word “algorithm” can mean: an algorithm operating on data that represents continuous quantities, even though this data is represented by discrete approximations – such algorithms are studied in numerical analysis; or an algorithm in the form of a differential equation that operates continuously on the data, running on an analog computer.

2.3.2 Database Model

A database model is a theory or specification describing how a database is structured and used. Several such models have been suggested.

A database model is the theoretical foundation of a database and fundamentally determines in which manner data can be stored, organized and manipulated in a database system. It thereby defines the infrastructure offered by a particular database system. The most popular example of a database model is the relational model.

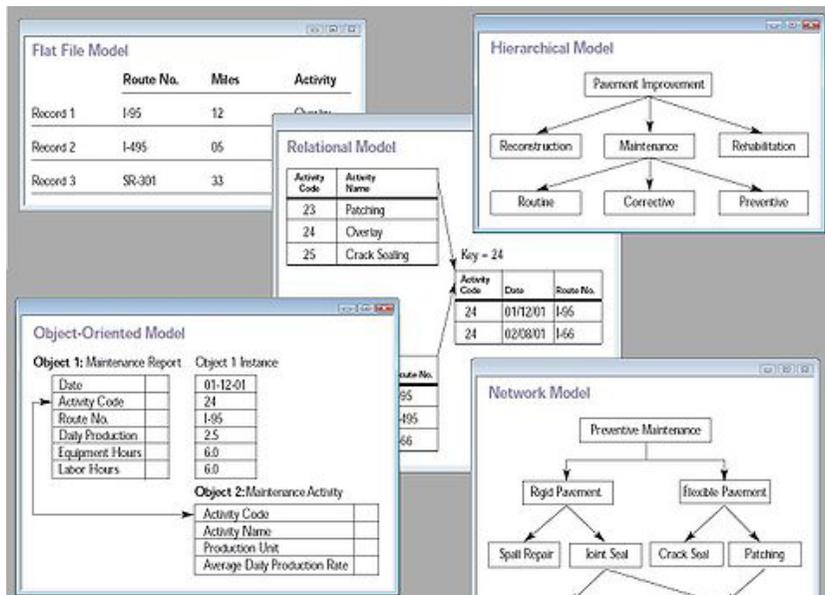


Fig. 2 Collage of five types of database models.

Common models include:

- Hierarchical model;
- Network model;
- Relational model;
- Entity-relationship;
- Object-relational model;
- Object model.

A data model is not just a way of structuring data, it also defines a set of operations that can be performed on the data. The relational model, for example, defines operations such as selection, projection and attachment. Although these operations may not be explicit in a particular query language, they provide the foundation on which a query language is built.

2.4. Research Details and Results

2.4.1 Research Activities and Proceedings

2.4.1.1 Project Meeting #1

15 -17 August 2010

Odessa National Maritime Academy

Venue: Odessa National Maritime Academy, Office 220, Building 7, 8, Didrikhson str. Odessa Ukraine

Project Title: “Research of algorithm of collect valuable information MET system IAMU Members Institution and Human Resource Database in IAMU member Universities/Institutions”

Project Meeting Participants:

Prof. Dr. Mykhaylo Miyusov, ONMA Rector

Prof. Mykola Tsybal, Dean of Sea Navigation Faculty, ONMA

Capt. Dmytro Zhukov, ONMA

Prof. Masao Furusho, Kobe University, Graduate School of Maritime Sciences

Prof. Bogumil Laczynski, Gdynia Maritime University

Project Questionnaire and Project Flow – Chart Algorithm have been prepared by Meeting Participants.

Pilot information about Maritime Universities (ONMA, KU GSMS and GMU) has been agreed and prepared by Meeting participants according to Chart Algorithm.

After being compared and corrected, these materials were sent by e-mail to IAMU Members. Also this pilot information together with Questionnaires and Flow – Chart Algorithm was printed in small booklet form and distributed during AGA 11 in Korea Maritime University to all IAMU delegates, 15-17 October 2010. Every IAMU Member was kindly asked to appoint a contact person for this project, fill in and send the necessary forms to Project Coordinator by the 30th of November 2010. In the middle of December 2010 Project’s participants organized meeting for analyzing obtained information from IAMU Members.

Project Questionnaire:

- **National system of the education and MET in the Country.**
- **General information of the Institution**
 - Name of the Institution: - President: - Address:
 - Phone/fax numbers: - Fax: - URL:
- **Structure of the Institution**
- **Teaching Staff Total quantity (Professor, PHD, Lecturers, Instructor)**
 - Name - Title
 - TEL - FAX
 - E-mail - Language
 - Academic Careers - Degree
 - License - Specialities
 - Affiliations - Research Interests
 - Main Publications - Academic Prizes/Award
 - Main Educational Contents and Teaching Subjects
- **Students/Cadets total quantity and separate by Faculties**
- **Structure of Programs(Topics/Hours/OBT)**
- **Training ship, if yes, please, insert particulars**
- **OBT Scheme**

Project Flow- Chart Algorithm

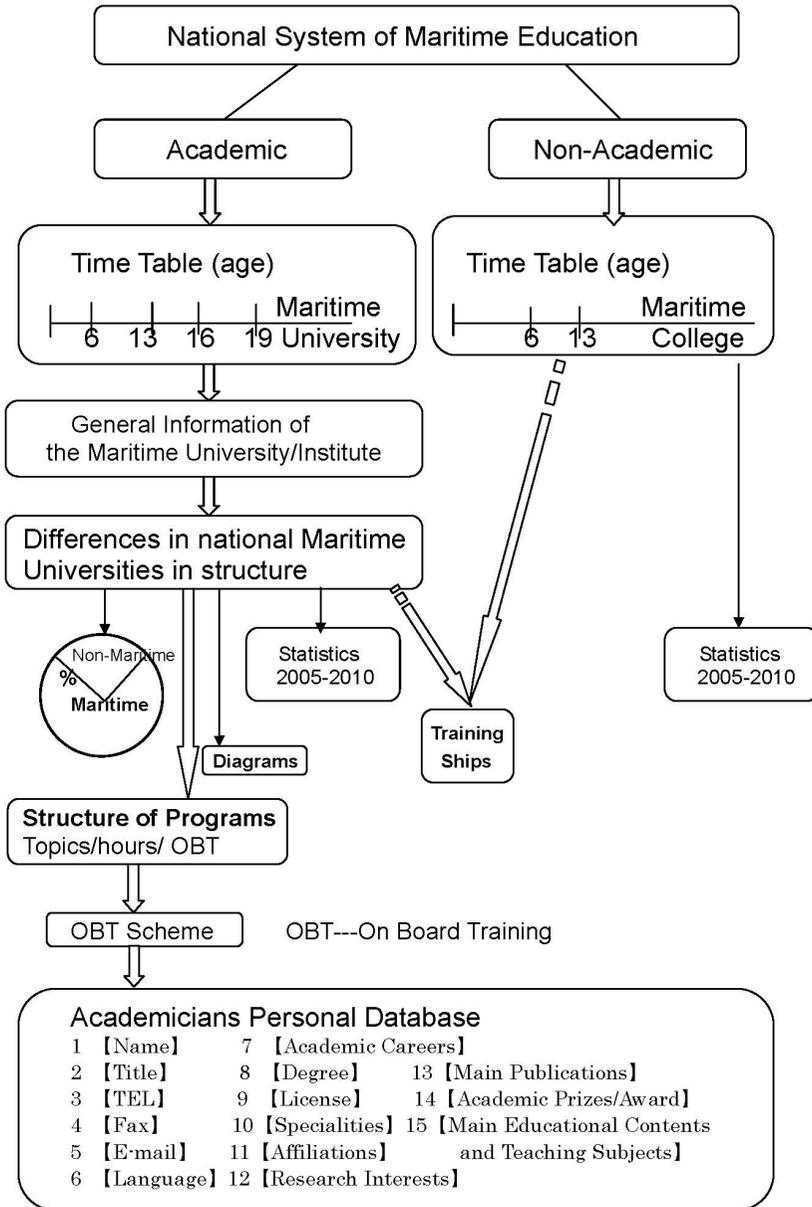


Fig. 3 Project's collecting information Algorithm

2.4.1.2 Project Meeting #2.

16.10.2010

Korea Maritime University

Venue: Korea Maritime University, International Meeting Room

Project Title: “Research of algorithm of collect valuable information MET system IAMU Members Institution and Human Resource Database in IAMU member Universities/Institutions”

Project Meeting Participants:

Capt. Dmytro Zhukov, ONMA

Prof. Masao Furusho, KU GSMS

Prof. Bogumil Laczynski, GMU

Ass. Prof. Xu Bin, DMU

Prof. Jin Soo Park, KMU

During the Meeting the Project Algorithm and Questionnaire were discussed. Capt. D. Zhukov presented to Meeting participants PPT Presentation “Research on algorithm of collecting valuable information MET system and Human Resource Database in IAMU Members Universities/Institutions”. This PPT Presentation was presented to all AGA11 delegates on the last day of AGA11.

It was mentioned that without support from the IAMU Members it’s impossible to complete IAMU Database.

2.4.1.3 Participation at IAMU AGA 11

15 -17 October, 2010.

Busan, Korea

During the AGA 11 in Busan the Project Coordinator Capt. D. Zhukov made Presentation on the Project’s Interim Report titled on “Research on algorithm of collecting valuable information MET system and Human Resource Database in IAMU Members Universities/Institution”.

2.4.1.4 Project Meeting #3 (Final Meeting)

16 -18 December, 2010

Gdynia Maritime University

Venue: Radisson Blu Hotel

Gdynia Maritime University, Room 129

Project Title: “Research of algorithm of collect valuable information MET system IAMU Members Institution and Human Resource Database in IAMU member Universities/Institutions”

Project Meeting Participants:

Prof. Romuald Cwilewich, GMU Rector

Prof. Adam Weintrit, Dean Navigational Faculty, GMU

Capt. Dmytro Zhukov, ONMA

Prof. Masao Furusho, KU GSMS

Prof. Bogumil Laczynski, GMU

Support staff:

Joanna Mollin, GMU

Anjey Starosta, GMU

During Project meeting the project results were analyzed and discussed. It was mentioned that all Project work has been done in accordance with Project Schedule.

There are 54 IAMU Members Universities/Institutions:

Region 1 (Asia/Pacific)		
1	AMET University	India
2	Australian Maritime College	Australia
3	Dalian Maritime University	China
4	Jimei University	China
5	John B.Lacson Foundation Maritime University	Philippines
6	Kobe University, Graduate School of Maritime Sciences	Japan
7	Korea Maritime University	Korea
8	Mokpo National Maritime University	Korea
9	Shanghai Maritime University	China
10	Tianjin University of Technology	China
11	Tokyo University of Marine Science and Technology, Faculty of Marine Technology	Japan
12	University of Transport in Ho Chi Minh City	Vietnam
13	Vietnam Maritime University	Vietnam

Region 2 (Europe(EU))		
1	Constanta Maritime University	Romania
2	Danish Maritime University	Denmark
3	Ecole Nationale de la Marine Marchande de Marseille	France
4	Estonian Maritime Academy	Estonia
5	Gdynia Maritime University	Poland
6	Liverpool John Moores University	UK
7	Hochschule Wismar, University of Applied Sciences - Technology, Business and Design	Germany
8	Maritime Institute Willem Barentsz of the Northern University of Professional Education Leeuwarden	Netherlands
9	Nicola Y. Vaptsarov Naval Academy	Bulgaria
10	Polytechnical University of Catalonia, Faculty of Nautical Studies	Spain
11	Satakunta University of Applied Sciences	Finland
12	Southampton Solent University	UK
13	Szczecin Maritime University	Poland
14	University of Applied Sciences Oldenburg/ Ostfriesland/ Wilmshaven, Department of Maritime Studies	Germany
15	University of Cantabria - Escuela Tecnica Superior de Nautica	Spain
16	Wismar University of Technology, Business and Design	Germany
17	World Maritime University	Sweden

Region 3 (Americas)		
1	Fisheries and Marine Institute of Memorial University of Newfoundland	Canada
2	Maine Maritime Academy	USA
3	Massachusetts Maritime Academy	USA
4	State University of New York Maritime College	USA
5	Texas A&M University at Galveston	USA
6	California Maritime Academy	USA
7	US Merchant Marine Academy	USA

Region 4 (Africa/Central Europe)		
1	Admiral Makarov State Maritime Academy	Russia
2	Admiral Ushakov Maritime State Academy	Russia
3	Arab Academy for Science & Technology and Maritime Transport	Egypt
4	Baltic Fishing Fleet State Academy	Russia
5	Batumi State Maritime Academy	Georgia
6	Dokuz Eylul University, Maritime Faculty	Turkey
7	Far Eastern State Technical Fisheries University/ Dalrybvtuz	Russia
8	IRISL Maritime Training Institute	Iran
9	Istanbul Technical University, Maritime Faculty	Turkey
10	Karadeniz Technical University, Faculty of Marine Science	Turkey
11	Kyiv State Maritime Academy	Ukraine
12	Maritime State University named after Admiral G.I. Nevelskoy	Russia
13	Odessa National Maritime Academy	Ukraine
14	Odessa National Maritime University	Ukraine
15	Regional Maritime University	Ghana
16	University of Rijeka, Faculty of Maritime Studies	Croatia

Special Member		
1	The Nippon Foundation	Japan

13 reports with necessary information from following IAMU members were received:

	Region 1 (Asia/Pacific)	Region 2 (Europe (EU))	Region 3 (Americas)	Region 4 (Africa/ Central Europe)
1	Kobe University, Graduate School of Maritime Sciences (Japan), prepared by Prof. Furusho	Gdynia Maritime University (Poland), prepared by Prof. Laczynski	No response	Admiral Makarov State Maritime Academy (Russia), prepared by Ms. Kozlova
2	Tokyo University of Marine Science and Technology, Faculty of Marine Technology (Japan) (Joint report with Kobe University, Graduate School of Maritime Sciences)	Polytechnical University of Catalonia, Faculty of Nautical Studies (Spain), prepared by Prof. De Melo		Admiral Ushakov Maritime State Academy (Russia), prepared by Prof. Faivisovich
3		Szczecin Maritime University (Poland), (Joint report with Gdynia Maritime University)		Batumi State Maritime Academy (Georgia), prepared by Prof. Gegenava
4				Istanbul Technical University, Maritime Faculty (Turkey), prepared by Prof. Güller
5				Karadeniz Technical University, Faculty of Marine Science (Turkey), prepared by Prof. Duzgunes
6				Kyiv State Maritime Academy (Ukraine), prepared by Prof. Nosovskyy
7				Odessa National Maritime Academy (Ukraine), prepared by Capt. Zhukov
8				University of Rijeka, Faculty of Maritime Studies (Croatia), prepared by Prof. Pritchard
<p>Response ratio is: $13 / 54 \times 100\% = 24\%$ 24% response ratio (quarter of all IAMU Members) – is a very good result for such short time term of the collecting MET information.</p>				

During the Meeting the e-version of the Project Database was presented by Capt. Dmytro Zhukov.
 Web-address of the database is <http://zhukov.seafarer.od.ua/>

All of the above information received from IAMU members was inserted in e-version of the IAMU database. Few responses from IAMU Members were very disappointed regarding the work capacity of such MET information for IAMU Database preparation.

Meeting participants noted that it was necessary to establish a more productive system of information collecting for the Phase 2 of the Project of IAMU FY2011. Region coordinators had to organize necessary quantity of the business trips for collecting MET information from region institutions.

Project participants kindly asked IAMU IEB to determine the time period of the upgrading IAMU Database information and recommended to all IAMU Members to appoint the responsible person for future collecting and upgrading IAMU information.

It was noted that all future information should be prepared by responsible persons from IAMU Members in accordance with “Proposed format of the collecting information” .

2.4.1.5 Collecting MET Information in 2011.

During the year 2011 the information from following IAMU Members Universities was received:

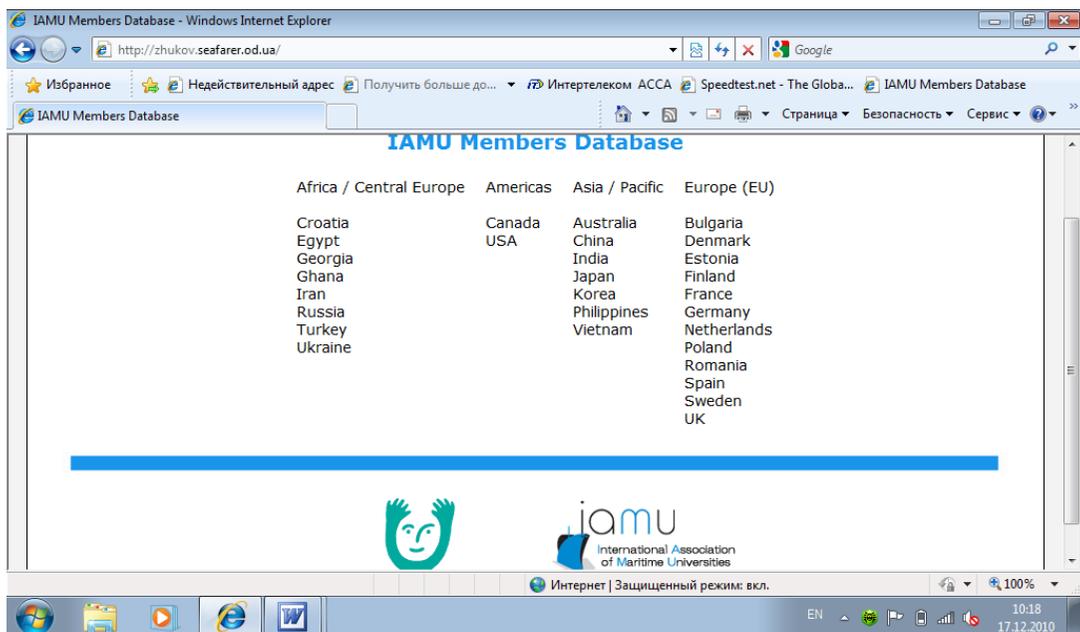
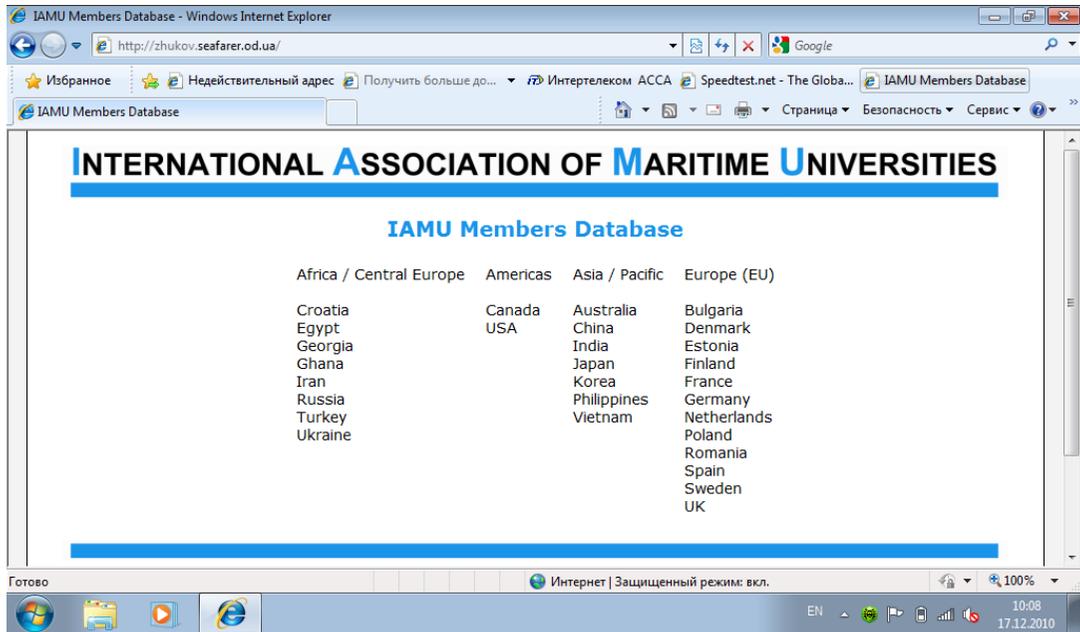
	Region 1	Region 2	Region 3	Region 4
	(Asia/Pacific)	(Europe (EU))	(Americas)	(Africa/ Central Europe)
1	Australian Maritime College (AMC)	Constanta Maritime University (CMU)	California Maritime Academy (CMA)	Arab Academy for Science & Technology and Maritime Transport (AASTMT)
2	Dalian Maritime University (DMU)	Estonian Maritime Academy (EMA)	Fisheries and Marine Institute of Memorial University of Newfoundland (FMIMUN)	Odessa National Maritime University (ONMU)
3	Korea Maritime University (KMU)	Nicola Y. Vaptsarov Naval Academy (NVNA)	Massachusetts Maritime Academy (MMA)	
4	University of Transport in Ho Chi Minh City (UT HCMC)		State University of New York Maritime College (SUNY)	
5			US Merchant Marine Academy (USMMA)	
Response ratio by IAMU Regions in FY 2011 achieved 100%. Response ratio by IAMU Members increase as follows:				
FY 2010 Response ratio: $13 / 54 \times 100\% = 24\%$			FY 2011 Response ratio: $(13+15)/54 \times 100\% = 52\%$	

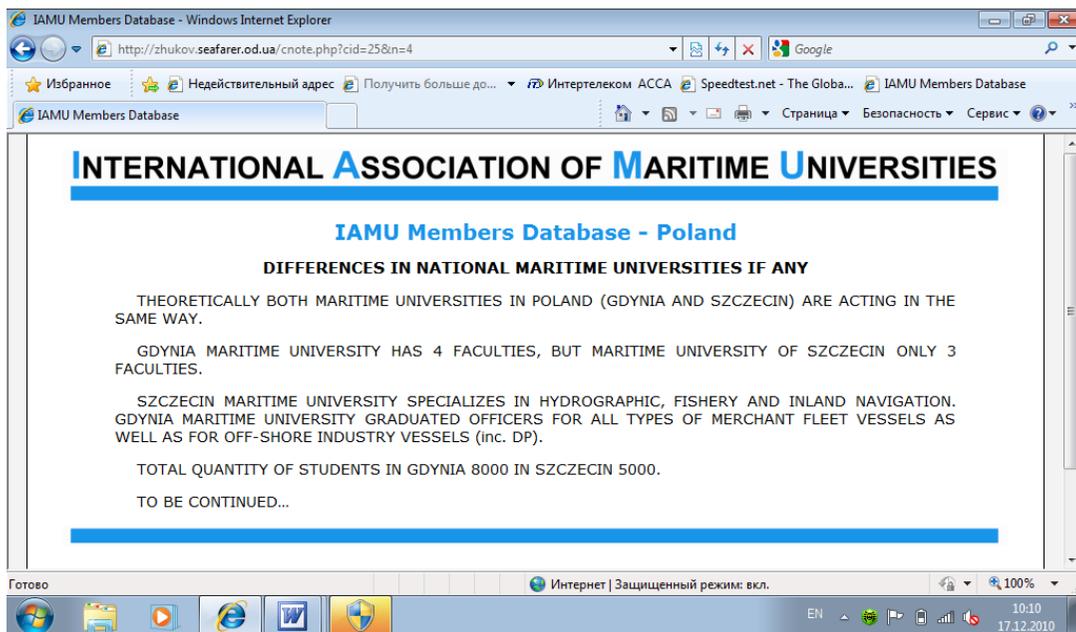
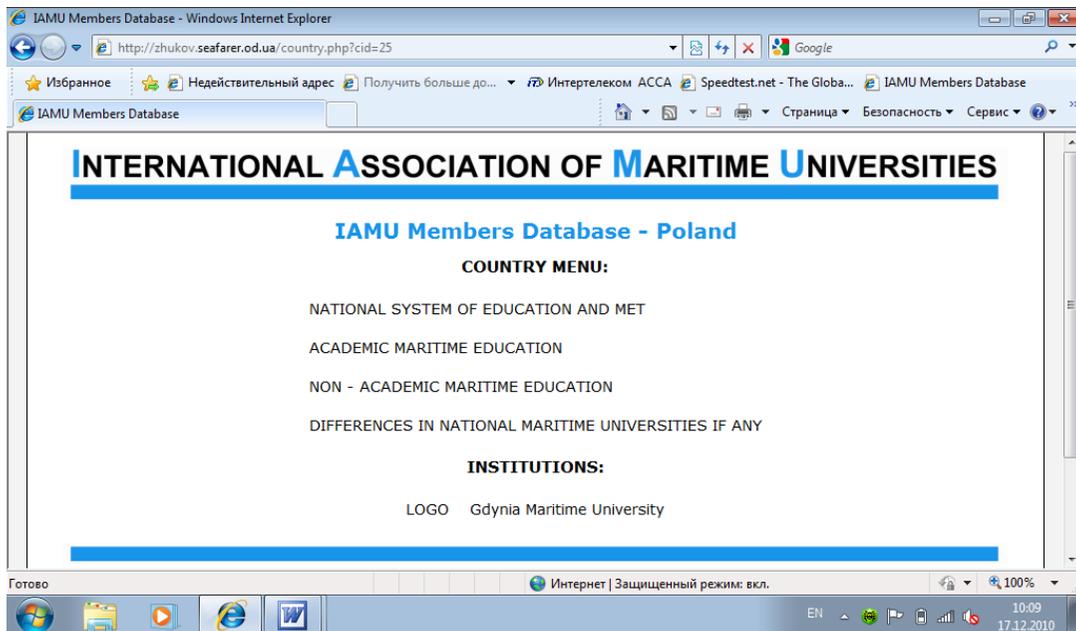
2.4.2 Research Results

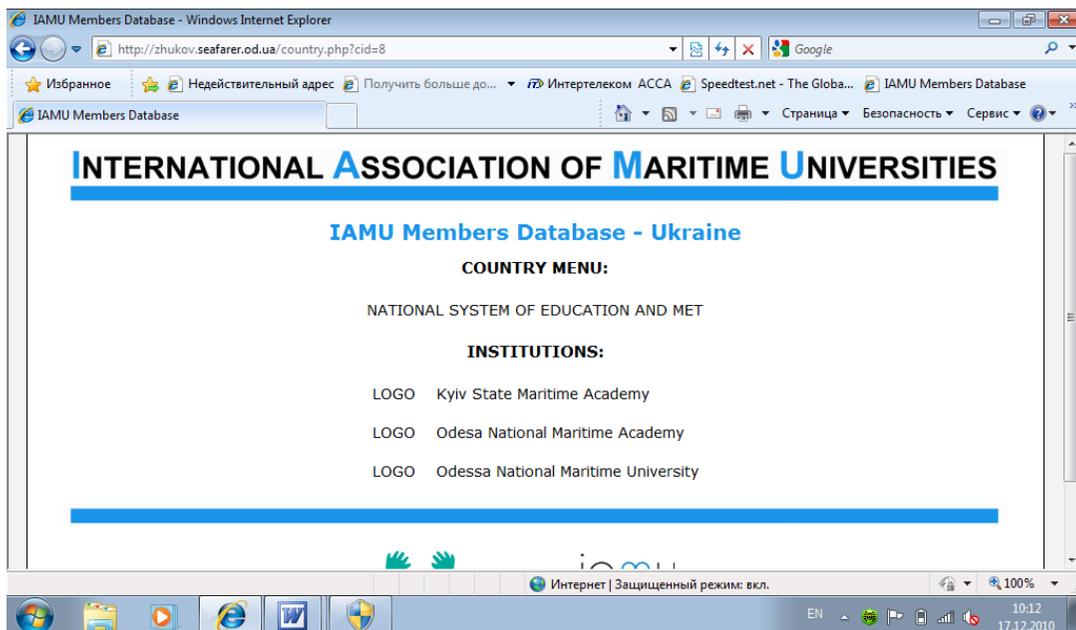
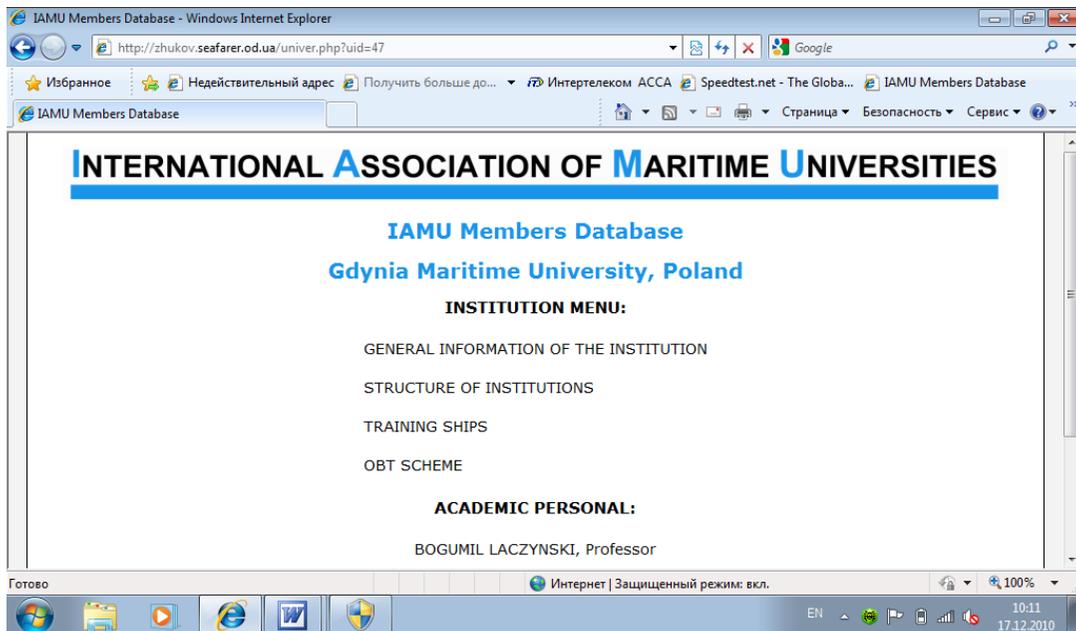
2.4.2.1 IAMU Database Model in e-format

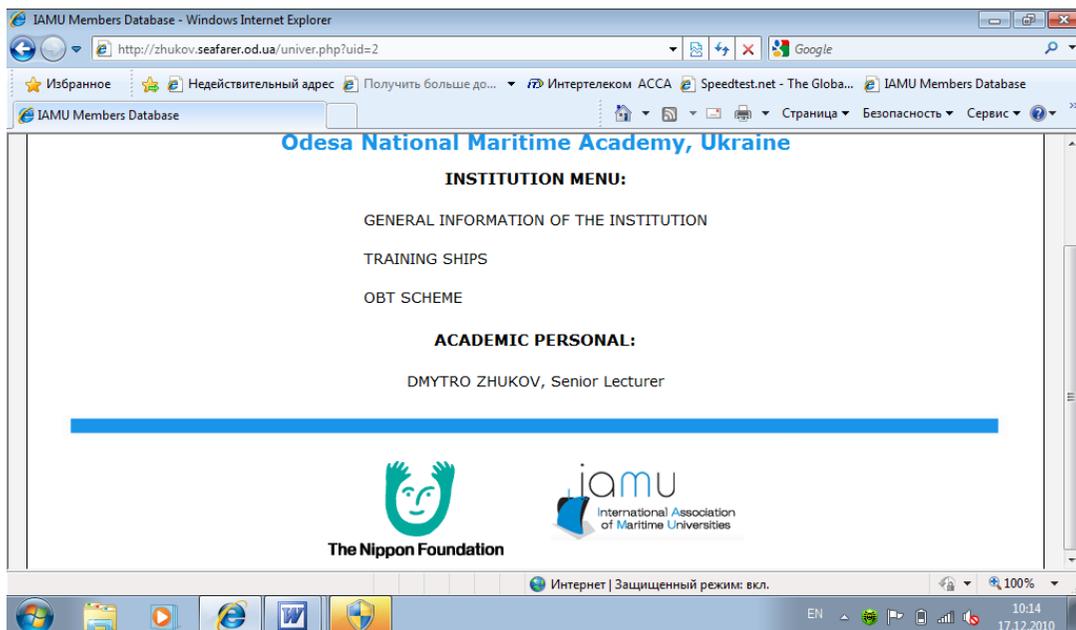
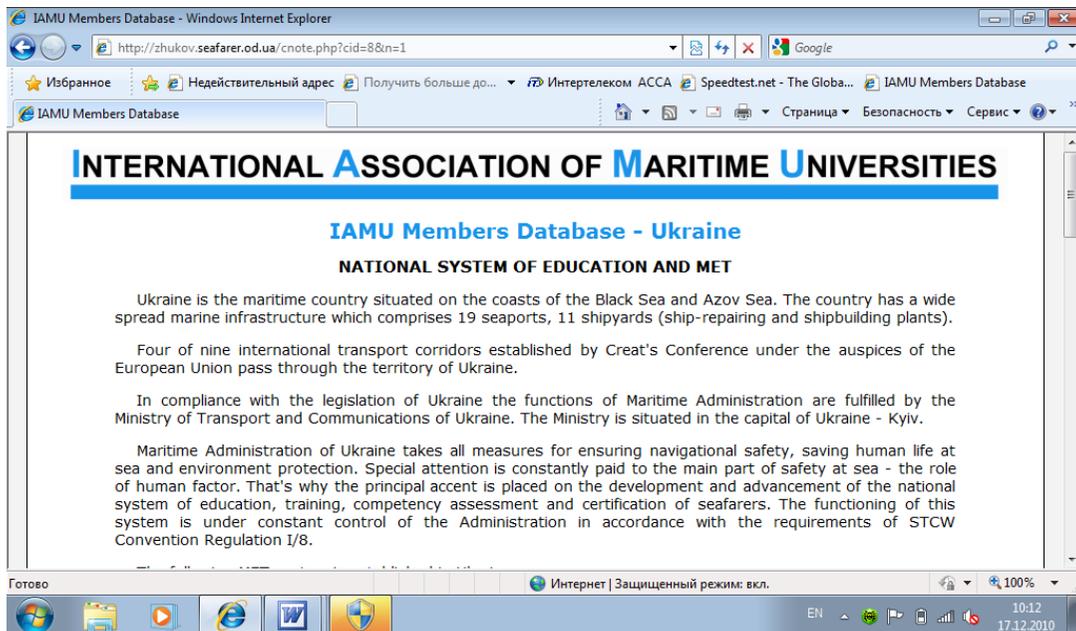
IAMU DATA BASE web-address: <http://zhukov.seafarer.od.ua/>

Bellow attached web-pages with examples of the IAMU Data-Base in e-format.









IAMU Members Database - Windows Internet Explorer

http://zhukov.seafarer.od.ua/unote.php?uid=2&n=3

Избранное Недействительный адрес Получить больше до... Интеллеком ACCA Speedtest.net - The Globa... IAMU Members Database

INTERNATIONAL ASSOCIATION OF MARITIME UNIVERSITIES

IAMU Members Database - Odesa National Maritime Academy, Ukraine

TRAINING SHIPS

Sailing Training Ship "DRUZHBА" ("friendship") is a sister ship of the Polish sailing training ship designed "Dar Młodzieży", launched in 1987 in the Gdańsk shipyard, Poland. Its home port is Odessa.

Specifications:

- Length: 108,815 m (including bowsprit)
- Width: 14 m
- Height: 62.1 m
- Depth: 6.3 m
- Sail surface: 3015 mI
- Crew: 104 persons (40 crew and 64 cadets)



Готово Интернет | Защищенный режим: вкл. EN 10:15 17.12.2010

3. Personal Database

3.1 Promotional Activity

	1	2	3	4	5	6	7
Person responsible	Matthew Rooks		Jinsoo PARK	Junzo Kamahara			
Period of visiting	September 13, 2011		October 6 ~ 9, 2011	September 20 ~ 29, 2011			
Destination	SUNYMC	USMMA	HCMC-UT	WMU	DAMARU	ENMM	LJMU

3.2 Report of Promotional Activity by Rooks

United States Merchant Marine Academy (USMMA)

1) General Information of the Institution:

Academic faculty: 80 full-time faculty members

Student body: 950 students

2) National System of The Education and MET:

Not applicable, as US university policies differ State to State and institution to institution.

3) Academic Maritime Education:

Programs*

- **Marine Transportation - A program combining nautical science and maritime business management.
- Maritime Operations and Technology - A marine transportation program enhanced with marine engineering studies.
- **Logistics and Intermodal Transportation - A program combining nautical science and logistics and intermodal management.
- Marine Engineering - An engineering program focused on shipboard engineering operations.
- Marine Engineering Systems - An engineering program emphasizing marine engineering design. Accredited by the Engineering Accreditation Commission (EAC) Commission of ABET.
- Marine Engineering and Shipyard Management - A program based on a marine engineering core and emphasizing the management of shipyards and other large engineering endeavors.

* All students take US Coast Guard merchant marine officer examination at end of first year.

** Preparation for third mate (deck officer) license examination.

4) Non-Academic Maritime Education:

License Options:

- Dual License - A program combining marine engineering and marine transportation studies for licensing in both specialties. Available only to students with substantial prior college coursework.

Service Obligations:

- Upon graduation from the Academy, all graduates must maintain a merchant marine officer license for at least six years.

- 5) Structure of Institution:
Academic Departments
- a) Marine Engineering:
 - b) Humanities
 - c) Marine Transportation
 - d) Mathematics and Science
 - e) Naval Science
 - f) Physical Education and Athletics
- 6) Differences in National Maritime University, if any:
Not applicable, see (2)
- 7) Statistics of National MET:
Not applicable, see (2)
- 8) Training Ships:
• Over 120 vessels and small craft.
- 9) Structure of Maritime Programs:
See (3) & (5)
- 10) OBT Scheme:
Data not available.
- 11) Academic Personal Database:
Data not available.
- (information taken from <http://www.usmma.edu/>)

State University of New York Maritime College (SUNYMC)

- 1) General Information of the Institution:
Academic faculty: 107 full-time faculty members
Student body: 1600 students
- 2) National System of the Education and MET;
Not applicable, as US university policies differ State to State and institution to institution.
- 3) Academic Maritime Education:
Programs:
- Regiment: All students pursuing a USCG Merchant Mariner's License – deck or engine – must be a member of the Regiment of Cadets. All other students, however, have the option of joining the Regiment. Please note that there is no military or any other type of service obligation incurred through the pursuit of a USCG License or from being a member of the Regiment of Cadets.
 - USCG License: In some degree programs, passing the USCG Merchant Mariner's License examination is a requirement of the degree, and completing all degree requirements is necessary to

receive the license. In other words, the degree and license are linked; a student receives both degree and license or neither.

- Civilian Students (those not in the Regiment of Cadets): There are several SUNY Maritime College programs that do not lead to a USCG license; anyone enrolled in these programs may choose to attend the College as a civilian student. These curricula all involve internships rather than three required summer semesters at sea, although several engineering programs require a semester at sea plus two internships. Keep in mind, ANY student, regardless of major, may apply to be part of the Regiment and take advantage of the leadership training and opportunities this provides.

4) Non-Academic Maritime Education:

License Options:

- US Coast Guard certified 3rd Mate's License
- US Coast Guard certified 3rd Assistant Engineer's license

Service Obligations:

All students pursuing a USCG Merchant Mariner's License – deck or engine – must be a member of the Regiment of Cadets and serve for 8 years upon graduation (5 years of active duty, 3 years of inactive reserve).

5) Structure of Institutions:

Academic Departments:

- a) Engineering: marine, mechanical, electrical, facilities engineering, and naval architecture
- b) Marine Environmental Science
- c) Science in Business: marine transportation, marine business & commerce, marine operations, international transportation & trade
- d) General Maritime Studies
- e) International Transportation management
- f) A.A.S. in Marine Technology / Small Vessel Operation

6) Differences in National Maritime University, if any:

Not applicable, see (2)

7) Statistics of National MET:

Not applicable, see (2)

8) Training Ships:

- Empire State IV, 17,000 ton, 565-foot training ship is the largest in the US.
- dozens of other smaller vessels

9) Structure of Maritime Programs:

See (3) & (5)

10) OBT Scheme:

Data not available.

(information taken from <http://www.sunymaritime.edu>)

11) Academic Personal Database:

Data not available.

3.3 Report of Promotional Activity by Park

HO CHI MINH CITY UNIVERSITY OF TRANSPORT(UT-HCMC)

1. GENERAL INFORMATION OF THE INSTITUTE

1.1 Education Philosophy:

1.2 Education Goals: provide high quality education human resources and services to satisfy the requirements of country's development and regions.

1.3 Brief history: It has been 20 years since the establishment of our institution and 7 years since Ho Chi Minh City University of Transport was officially set up.

A University with 20 years of full development and glory

In June 1988 Ho Chi Minh City In-service training Centre of Transport was established. One year later, a Centre of Maritime Education was set up on 14th of January 1989 with its head office located in Ho Chi Minh City.

In order to meet the big demand for human resources in the maritime and transport fields as well as the strong development of the vital economic zone of Southern Vietnam in the early 1990s, Ministry of Transport and Communications issued a decision N_o 1665/TCCBLD on establishment of a branch of Vietnam Maritime University (VIMARU) that was in charge of training maritime officers.

At that time, all teaching and studying activities were carried out mainly at the campus in An Khanh, District 2, originally belonging to Ho Chi Minh City Trade Union Cadre School, while the main campus located in D3 Street, Van Thanh Bac Site, Binh Thanh District was still under construction. In March 1993, the branch associated with Planning School 3 located in District 12, Ho Chi Minh city.

Ho Chi Minh City University of Transport (UT-HCMC), under the authority of Ministry of Transport, was founded on 26th of April 2001 under the decision N_o 66/2001/QD-TTg. This was really a milestone in the development of the University history. Beside maritime, the University was assigned by the Government of Vietnam to provide education and training for engineers in Transportation industry such as inland waterway, civil engineering, civil aviation, shipbuilding, information technology, mechanical engineering, and electrical and electronic engineering.

Over the past 20 years, UT-HCMC has been increasing in both quality and quantity from 3 majors in 1988 to 21 in 2008 with an explosive number of students from 300 in 1988 to nearly 16,000 in 2008. There are 15 professional faculties and divisions, 11 management departments, and 8 centers and companies.

There are 5 campuses, 3 in Ho Chi Minh City, 1 in Vung Tau and 1 in Daklak and many other learning centres located in the south of Vietnam.

In addition to the campuses, the University has got a 10 ha plot of land in Cat Lai, district 2 for the project of building a Transportation Training and Practicing Base. It is expected to be one of the biggest transportation training and practicing centers in Vietnam.

With the motto of "Activeness, Creativeness, and Effectiveness", it is believed that Ho Chi Minh City University of Transport will have gained greater achievements and success in the near future.

HO CHI MINH CITY UNIVERSITY OF TRANSPORT
No 2 D3 Van Thanh Bac Site, Ward 25, Binh Thanh District,
Ho Chi Minh City
Viet Nam

Phone: +84 8 5106171 - Fax: +84 8 8980456

Website: <http://www.hcmutrans.edu.vn/english/>

2. NATIONAL SYSTEM OF THE EDUCATION AND MET

4. 2.1 National system of the education

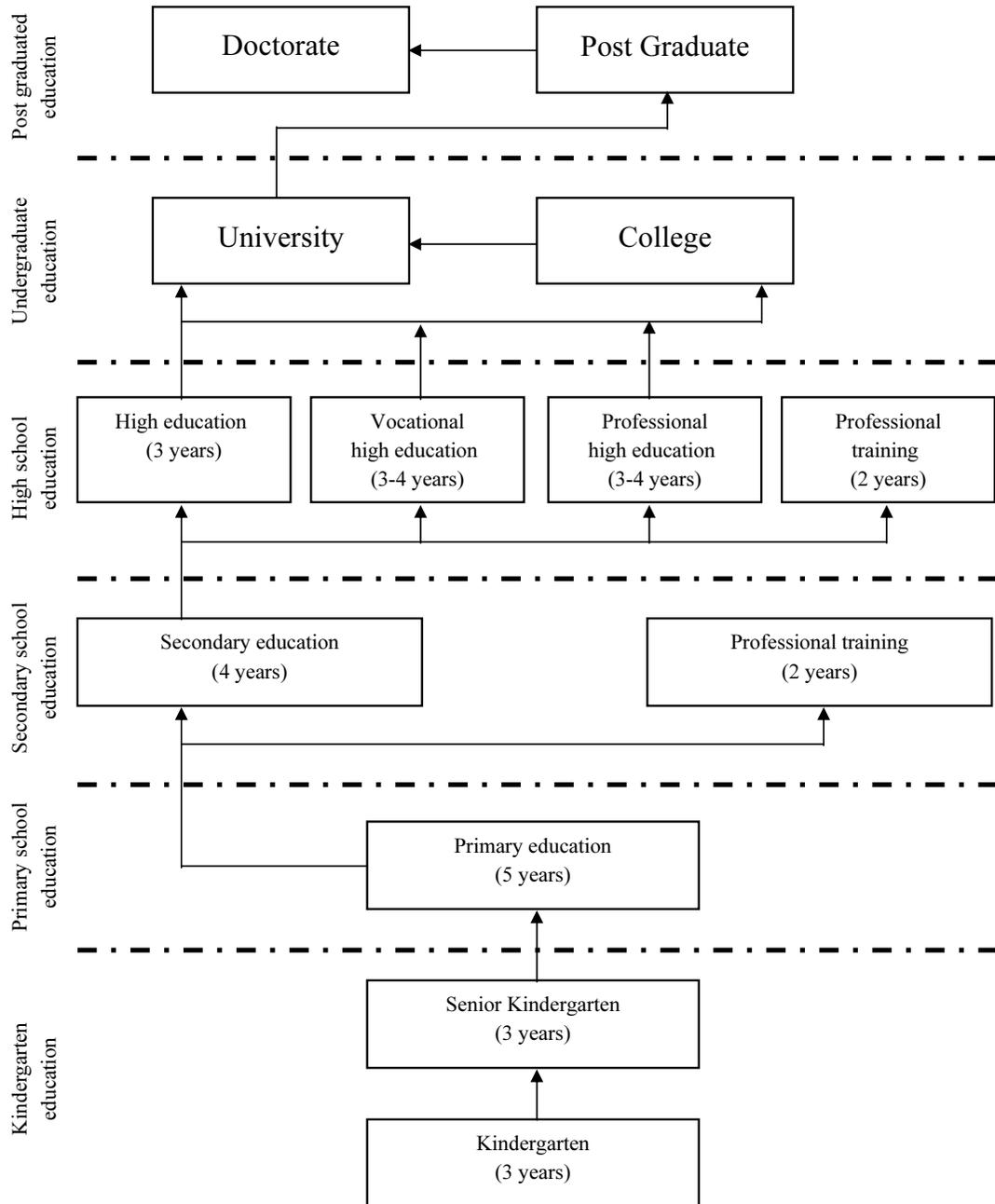
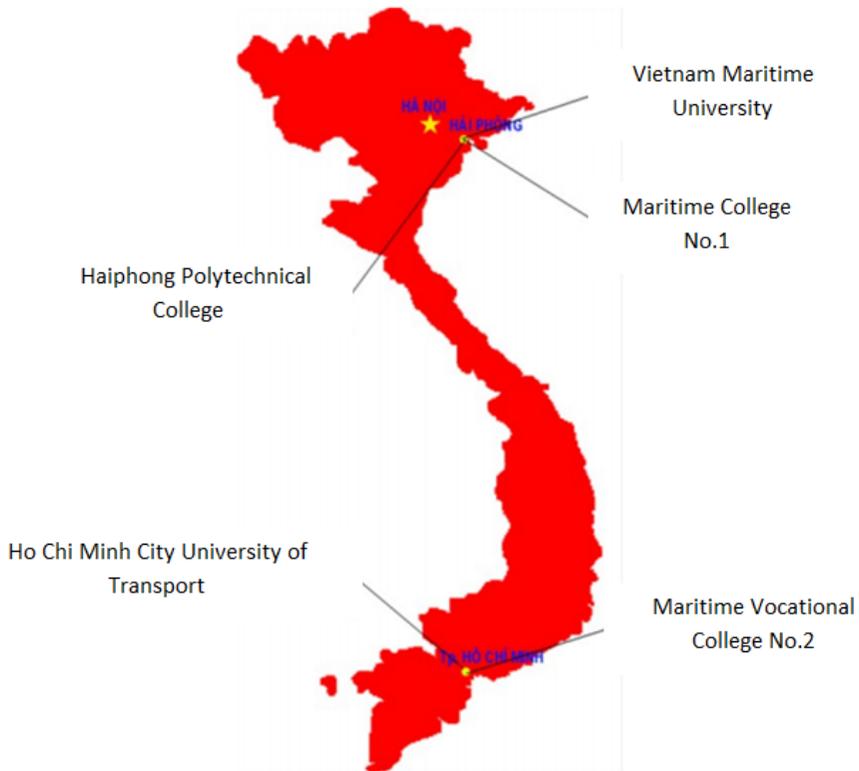


Table Number of schools in year 2009-2010

No.	Grade	Quantity
1	Primary school	15.172
2	Secondary school	10.060
3	High school	2.242
4	College	227
5	University	149

2.2 National system of MET



3. ACADEMIC MARITIME EDUCATION

3.1 Vietnam Maritime University

3.2 Ho Chi Minh City University of Transport

Faculty	Major	Admission
Navigation	Navigation	250
Marine Engineering	Marine Engineering	250
Total		500

University Navigation Course Structure	1 st grade	Common fundamental education	
	2 nd grade	Common fundamental education	Major subjects
	3 rd grade	Major subjects	
	4 th grade	Major subjects	
	(6 months)	OBT	Research for university thesis or attend final examinations

University Marine Engineering Course Structure	1 st grade	Common fundamental education	
	2 nd grade	Common fundamental education	Major subjects
	3 rd grade	Major subjects	
	4 th grade	Major subjects OBT	Research for university thesis or attend final examinations

Master Course Structure	Year	Navigation	Marine Engineering
	1 st grade	Marine Navigation Science Ship Operation Science Research for Master's Thesis	Marine Engineering Science Marine Electrical Eng. Science
	2 nd grade		Mechanical Eng. Science Marine Navigation Science Research for Master's Thesis

Faculty	Dean	Professor	Associate Professor	Lecturer	Administration Personnel	Sub Total
Navigation	1	0	0	30	1	32
Marine Engineering	1	0	1	33	1	36
Total						68

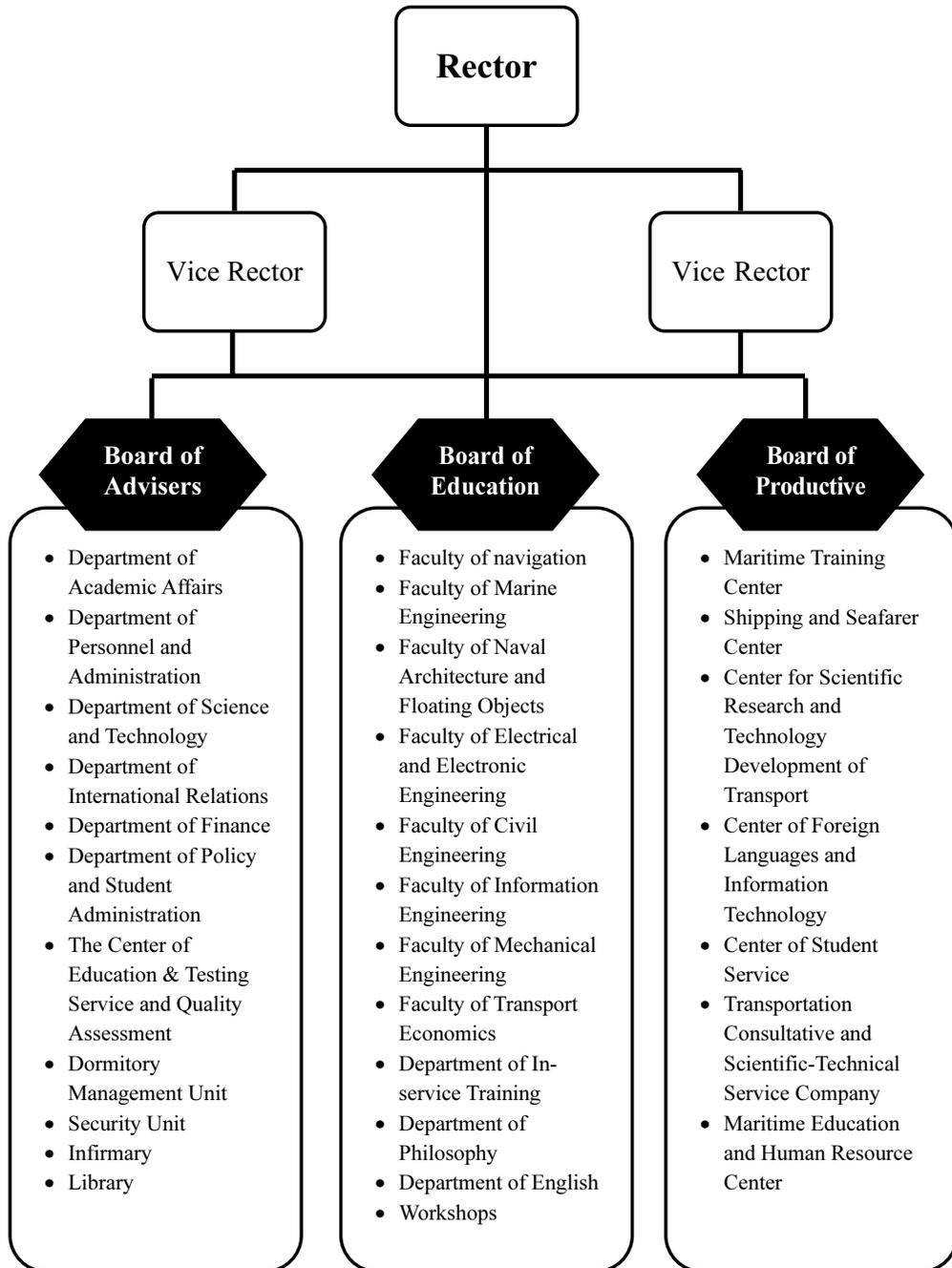
4. NON-ACADEMIC MARITIME EDUCATION

4.1 Maritime College No. 1

4.2 Maritime Vocational College No. 2

4.3 Hai Phong Polytechnic College

5. STRUCTURE OF INSTITUTIONS



6. DIFFERENCES IN NATIONAL MARITIME UNIVERSITY IF ANY

Theoretically both maritime universities in Vietnam (Vietnam Maritime University and Ho Chi Minh City University of Transport) are acting in the same way.

7. STATISTICS OF NATIONAL MET

8. TRAINING SHIPS

Name	UT GLORY
Port of registry	SAI GON
Kind of ship	General cargo
Date of Built	2007
Call sign	3WVB
LOA*Breadth*Depth	76.50/12.40/5.70m
GRT	1.651
Main Engine	G8300ZC6B/1.500KW
Bunker	FO 210 m ³ /DO 95.36 m ³
Fresh water	157.61m ³
Speed	13.5 kts
Complement	30 person



9. STRUCTURE OF MARITIME PROGRAM

9.1 Structure of Navigation program

General navigation knowledge

Compulsory

No	Subjects	Credits	Theory	LAB Practice
1	Ship's structure	2	2	0
2	Ship's Architecture	3	2	1
3	Radio theory	3	3	0
4	Ship's power plant	3	2	1
5	Ship's engine	3	2	1
6	Ship Maintenance	3	2	1
7	Material Strength	3	3	0
8	Nautical Mathematics	3	3	0
9	Sea Environment Protection	2	2	0

Specialized Navigation Knowledge

English for Navigation (Compulsory)

No	Subjects	Credits	Theory	LAB Practice
1	English for Navigation 1	3	2	1
2	English for Navigation 2	3	2	1
3	English for Navigation 3	3	2	1
4	English for Navigation 4	3	2	1

Navigation In-depth Knowledge

No.	Subjects	Credits	Theory	LAB Practice
1	Seamanship techniques	5	2	3
2	Safety working on board	4	3	1
3	Magnetic compass	2	1	1
4	Terrestrial 1	4	3	1
5	Terrestrial 2	3	2	1
6	Celestial	3	2	1
7	Meteorology – Oceanography	3	2	1
8	Radio Nautical instruments 1	3	2	1
9	Radio Nautical instruments 2	3	2	1
10	Electronic Navigation instruments 1	3	2	1
11	Electronic Navigation instruments 2	3	2	1
12	Radio Communication on board ship	3	2	1
13	UNCLOS and Maritime Law	4	3	1
14	IMO Conventions	3	2	1
15	COLREGS	3	2	1
16	Ship's handling	3	2	1
17	Ship stability	4	3	1
18	Carriage of goods by sea	3	3	0
19	Emergency situations and rescue at sea	4	3	1

Electives (Three in six subjects are selected)

No	Subjects	Credits	Theory	LAB Practice
1	Marine Geography	2	2	0
2	Communication	2	1	1
3	Automatic Ship control	3	3	0
4	Shipping Operation	3	3	0
5	Marine Insurance	2	2	1
6	IT for Navigation	3	2	1

Seamanship Training
Compulsory

No	Subjects	Credits
1	Seamanship Training Elementary Training Professional Training	1 1 3

Graduation Internship

No	Subjects	Credits
1	Graduation Internship	3

Graduation Exams/ Graduation Thesis Defence

No	Subjects	Credits
1	General Navigation Final Exams	5
2	Specialized Navigation Final Exams	5
3	Thesis Defence (Restricted to distinguished students only)	10

9.2 Structure of Marine Engineering program

Professional Knowledge (21 Credits)

Compulsory

No	Subject	Credits	Theory	LAB Practice
1	Dynamics and Fluid Mechanics	3	2	1
2	Thermodynamics	3	3	0
3	Basic Safety at Work	1	1	0
4	Ship Structure and Stability	2.5	2	0.5
5	Engineering Graphics	4	3	1
6	Properties of Materials	4	3	1
7	Strength of Materials	2	2	0
8	Navigation Fundamentals	2	1	1
9	Fundamentals of Marine Laws	3	1	2
10	Applied Chemicals	2	1	1
11	Vietnamese Language for Communication	2	1	1

Marine Engineering In-depth knowledge (35 credits)

Compulsory

No	Subjects	Credits	Theory	LAB Practice
1	Boilers	4	3	1
2	Steam Plant System Operations	2	2	0
3	Refrigeration and Air Conditioning	3	2	1
4	Auxiliary Machineries 1	3	2	1
5	Auxiliary Machineries 2	4	2	2
6	Diesel Engineering 1	3	2	1
7	Diesel Engineering 2	2	1	1
8	Diesel Plant Simulator	2	1	1
9	Ship Systems	2	1	1
10	Ship Repairing Technology	3	1	2
11	Practice on Ship Repairing Technology	2	1	1
12	Electrical Machineries and circuits	3	2	1
13	Basic Electronics	3	2	1
14	Electrical Plants	3	2	1
15	Power Engineering Technology	2	1	1
16	Automation and control 1	3	2	1
17	Automation and control 2	4	3	1
18	Work Management	2	1	1

Internship –Training (7 Credits)

Applied technology is achieved in the laboratories, simulators, training cruises, and internships.

Compulsory

No	Subjects	Credits	Theory	LAB Practice
1	Machine Tool Operations and Welding	2		2
2	Oiling and Auxiliary machines Familiarization	2		2
3	Sea Training	3		3

Graduation Thesis Defence/ Exams (10 Credits)

Compulsory

No	Subjects	Credits	Theory	LAB Practice
1	Graduation Exams/ Thesis Defence (restricted to distinguished students)	10	3	7

10. OBT SCHEME

No	Grade	Credits	Duration
1	2 nd grade	1	1 month
2	After 4 th grade	3	3 months

11. ACADEMIC PERSONAL DATABASE

ACADEMIC PERSONAL DATABASE				
FAMILY NAME	NAME	DEGREE	MARITIME LICENSE	ACADEMIC POSITION
LE VAN	TY	Dr.	Master Mariner	
TEL.: +84 8 38999979 FAX: +84 8 8980456 MOBILE: +84 936790579 EMAIL: ADD.:	LANGUAGE	SPECIALITIES		
	1. Vietnamese 2. English	1. Nautical Science 2. Academic Societies or Associations 3. Vietnam Maritime Association		
	RESEARCH INTERESTED		TEACHING SPECIALITIES	
	- Automatic control systems - Meteorology - Navigation		- Maritime meteorology - Terrestrial navigation - IMO conventions - Shipping law	
PUBLICATION (5 ONLY AFTER 2005)				
- "Terrestrial Navigation", HoChiMinh City University of Transport Library, 2008 - "Optical Compass Theory", HoChiMinh City University of Transport Science Journal, 2009				

Report of Promotional Activity by Kamahara

◆World Maritime University (WMU)

1. General Information of The Institution

The World Maritime University (WMU), in Malmö, Sweden, is a postgraduate maritime university under the United Nations, founded by the International Maritime Organization (IMO) in 1983 as its premier institution for maritime postgraduate education, research, and capacity building.

Vision

WMU aspires to be the world's leading maritime university for postgraduate education and research.

Mission

As a center of excellence for postgraduate maritime education, our mission is to serve the global maritime community through education, research and capacity building to ensure safe, secure and efficient shipping on clean oceans. WMU:

- Contributes to maritime capacity building and the development of effective policies for the global maritime community;
- Helps build a sustainable world through maritime education and research in the maritime sector;
- Educates future global maritime leaders, experts and professionals;
- Provides a forum for international collaboration on maritime transportation.

To date 3,242 graduates from 163 countries have been awarded WMU degrees, postgraduate diplomas and certificates. The majority, 3,085 graduates, have been awarded the degree of Master of Science.

Contact information:
World Maritime University
Citadellsvägen 29
SE 201 24 Malmö, Sweden
Phone: +46-40-356 300
info@wmu.se
www.wmu.se

2. National System of The Education and MET

As a UN university, it is very important that we *offer a service to the world*, and that we are *not part of any single country's educational system*. While we are located in Sweden, we are not part of the Swedish system, and do not have – nor have we sought – any form of accreditation from the Swedish Government *yet*. Because of its unique status WMU is not subject to the external assessments normal in many countries for funding and accreditation purposes.

It is recognised in countries throughout the world as providing outstanding postgraduate degrees that are at least comparable with any other. The MSc and PhD degree programmes are designed as high-level professional degrees, providing graduates with expertise and management skills in the field of maritime affairs.

3. Academic Maritime Education

Ph.D. in Maritime Affairs

The Ph.D. program, in Malmö, Sweden, is a research degree related to the IMO mission of safety, security, and environmental protection with specializations in:

- Marine Environmental Management
- Maritime Administration: Law, Policy and Security
- Maritime Risk and System Safety
- Maritime Technology and Education
- Shipping and Port Management

The program consists of 240 ECTS credits, requires 3-6 years on a full- or part-time basis. Candidates who have completed part of a doctoral program elsewhere may be granted advanced standing, in which case the minimum permissible period of enrollment includes registration, one progression seminar, and the dissertation (120 ECTS credits), and requires a minimum of 12 months. The Ph.D. tuition is a credit-based university fee, includes supervision, access to the library and research laboratories, and IT support. An approved research proposal earns 20 ECTS credits, successful completion of 4 progression seminars, each earn 40 ECTS credits, successful defense of a dissertation earns 60 ECTS credits.

M.Sc. in Maritime Affairs

The M.Sc. program, in Malmö, Sweden, responds directly to the needs of the maritime industry, equipping graduates with the skills necessary for a successful career. The M.Sc. program offers 4 specializations:

- Maritime Safety and Environmental Administration;
- Maritime Law and Policy;
- Maritime Education and Training;
- Shipping and Port Management.

The standard 14-month program runs from September each year, and consists of 80 ECTS degree credits, plus 10 non-degree credits. Candidates who have already completed a postgraduate program elsewhere may be granted advanced standing, exempting them from the first semester.

English & Study Skills Program (ESSP) - Malmö, Sweden

The ESSP is a 3-month program open to students joining WMU's standard M.Sc. program, or to independent students. The curriculum is designed to upgrade the English language competences of the participants to postgraduate level.

Outreach M.Sc. ITL Program - Shanghai, China.

The M.Sc. in International Transport and Logistics (ITL) in Shanghai is aimed at maritime professionals from Shanghai and China. The program, in its 7th year, is taught on the campus of Shanghai Maritime University, consists of 43 credits (~86 EC) delivered over 15 months, and starts in March each year. The program is taught in English, and entry requirements, grading, and quality assurance processes are those of WMU.

Outreach M.Sc. MSEM Program - Dalian, China.

The M.Sc. in Maritime Safety & Environmental Management (MSEM) in Dalian is aimed at China Maritime Safety Administration employees. The program, in its 7th year, is taught on the campus of Dalian Maritime University, consists of 43 credits (~86 EC) delivered over 14 months, and starts in July each year. The program is taught in English, and entry requirements, grading,

and quality assurance processes are those of WMU.

Postgraduate Diploma in Marine Insurance – by Distance Learning.

The PGDip in Marine Insurance is delivered by distance learning in collaboration with Lloyd's Maritime Academy to enable students based anywhere in the world to study marine insurance at the highest level. A specific aim of the program, now in its 7th year, is to enable professionals in the marine insurance industry to attain an academic qualification.

4. Non-Academic Maritime Education

Professional Development Courses (PDCs)

PDCs, 3-21 days in duration, offer professional updating to maritime professionals, language teachers, and government officials. PDCs may be part of the existing M.Sc. program in Maritime Affairs, or may be client-specific, freestanding PDCs offered at WMU; there are also external PDCs for specific external clients, taught at any location specified. PDCs offered in 2012 include:

- Maritime Casualty Investigation 3 days
- Maritime Casualty Investigation in Shipping Companies 3 days
- Maritime English - Upgrading Teaching Competencies 5-10 days
- Dangerous Goods 3 days
- Port State Control Building and Refreshing (PSCO) Skills 5 days
- IMO Member State Voluntary Audit Scheme 5 days
- International Safety Management Code 3 days
- International SPS Code 3 days
- Developments in the Maritime Labour Convention 5 days
- Contemporary Environmental Issues in the Maritime Industry 5 days
- Integrated Coastal/Ocean Management 3 days
- IMO Ballast Water Management Convention model course 2 days
- IMO Ship Energy Efficiency Management model course 3 days

International Conferences

During the past 3 years, WMU has organized and hosted successful international maritime conferences, including:

- Empowering Professional Women in the Maritime World April 2008
- Impacts of Climate Change on the Maritime Industry June 2008
- Emerging Ballast Water Treatment Systems January 2010
- Oil Spill Risk Management March 2011
- Piracy at Sea October 2011
- Ship Recycling March 2013 (planned)

5. Structure of Institutions

WMU is governed by Charter and Statutes, approved by IMO Assembly, which is made up of delegations from 170 IMO Member States and 3 Associate Members. The WMU Board of Governors (BoG) is appointed by the Secretary-General (SG) of IMO, currently Mr. E.E. Mitropoulos, and consists of 30 members, who each serve 2-year renewable terms. The Board of Governors usually meets annually, chaired by WMU's Chancellor, who is also SG of IMO. The BoG reports to IMO Council, which consists of the 40 leading maritime states. An 11-person Executive Board (EB) is appointed by the IMO Secretary-General to help facilitate the work of WMU, provide oversight between sessions of the BoG, give directions and guidelines as necessary,

consider draft plans of work and budgets, report to the BoG, and meet no less than three times a year. Members of the EB serve renewable 2-year terms. The EB Chairman T. C. Skaanild is Secretary General/CEO of BIMCO.

6. Differences in National Maritime University if any
Not applicable

7. Statistics of National MET
Not applicable, though find attached:

Overview of WMU graduates:

	Class of 2012 Intakes	Class of 2011 Graduates	Class of 2010 Graduates	Total graduates since 1983
Malmö Standard M.Sc.	98	98	69	2,479
Malmö Accelerated M.Sc.	3	6	2	149
Shanghai M.Sc.	30	31	36	231
Dalian M.Sc.	34	33	35	228
PG Diploma by Distance Learning	35	29	15	120
WMU-Lund LLM	22	18	10	49
Malmö Ph.D.	1	4	2	6
WMU-Swansea Ph.D.	0	0	0	2
Total				3,240

8. Training Ships
Not applicable

9. Structure of Maritime Programs

All students enrol in the programme in Maritime Affairs. They may go on to specialise in one of four areas, as well as adding different elective subjects, to make up a programme that precisely meets their interests and their future needs.

Semester 1:

Foundation Studies

16 EC

Research Methodology & Study Skills

8 non-degree credits

All students complete the same Foundation Studies, which provide an introduction to the legal, technical, regulatory and economic aspects of sea use.

Semester 2:

Specialisations

40 EC

1. Maritime Education & Training;
2. Maritime Law & Policy;
3. Maritime Safety & Environmental Administration;
4. Shipping and Port Management

Semester 3:	
Electives or dissertation	24 EC
Seminar	2 non-degree credits

Students have a choice of a range of Electives, which allow them to deepen their specialisation, and add knowledge of one or more of the other areas. Certain students may complete a dissertation, which is usually based on a particular issue relating to their work in their home country, and must be approved by the University. The dissertation may involve original research, or be an analysis of a topic based on secondary sources.

Total	80 EC
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Semester 1:

Maritime Law and International Maritime Conventions **4 EC**

To provide a foundation for the appreciation of the complex body of maritime law, and knowledge of the major international maritime conventions

Maritime Economics **4 EC**

To review the fundamentals of economics, to present the basic concerns and special features of transport and maritime transport, and to apply economic principles to maritime transport

Maritime Technology **4 EC**

To provide a general understanding of the technical aspects of ships; to emphasize the importance of maritime technology to achieve safe and secure operations, as well as environmental protection; and to consider how technological innovations influence the development of the shipping industry

Marine Environmental Science **4 EC**

To provide a scientific introduction to marine environmental management, focusing on an understanding of general ocean science relating to the physical biological and chemical processes that shape the oceans and coastal processes and affect humans and human activities and wellbeing

Non-degree Subjects

Research Methodology and Study Skills **4 non-degree EC**

To improve academic writing and research skills, and to provide an introduction to statistics

Research Methodology **4 non-degree EC**

A workshop-based subject designed to provide a clear understanding of the research methods and academic skills required at Master's degree level

Semester 2: Maritime Education & Training specialisation

This specialisation has been designed for people working with the planning or delivery of maritime education and training, whether in an academic institution, or in a public or private organisation. It provides a thorough grounding in MET, and an appreciation of global trends and the requirements for certificates of competency. Students develop an excellent grasp of the latest technological developments, and acquire knowledge of the most modern pedagogical techniques.

Teaching and Assessment Issues **8 EC**

To examine principles and practice of effective learning and teaching skills relevant in the MET context; to consider practical classroom delivery; to consider student assessment and evaluation

methods, as well as course and teacher feedback techniques; to provide advanced statistical analyses to evaluate the effects of learning and teaching methods

Development of the MET Curriculum and Knowledge Management 8 EC

To provide an understanding of the processes of curriculum design and development in MET programmes; to examine the special features of maritime education and training systems; to introduce the importance of knowledge management to improve the organizational level in maritime institutions; to enhance the understanding of how an organization becomes skilled at creating, acquiring, and transferring knowledge, including the involvement of IT systems to combine different types of knowledge to support the maintenance and development of an organization's knowledge base/repository

Educational Technology in MET

6 EC

To review the latest technological developments in education and training processes and examine future trends; to consider aspects of simulation-based training, including teaching and assessment methods; to consider the development of information and communication technology such as institutional websites and e-learning systems, and their application to and impact on MET

Management Issues at MET Institutions I

6 EC

To provide basic concepts of management; to introduce the basic principles of accounting and investment appraisal, including financial evaluation methods and to consider how best to apply these methods and principles to the maritime sector; to consider the requirements of the STCW Convention and Code in the context of MET institutions' best practice management; to examine the framework of MET systems and the value of IMO model courses

Management Issues at MET Institutions II

6 EC

To examine basic principles of quality assurance in educational institutions; to provide specific knowledge to establish quality standards systems at MET institutions, taking into account the demands of the shipping industry, maritime administrations and end-users; to examine aspects of cultural awareness and language competence in the management of MET institutions; to provide an overview of current and future MET research

Principles of Maritime Administration and Human Elements

6 EC

To provide a broad overview and appreciation of the role of government in policy formation and the administration of maritime affairs; to define and examine maritime administration conceptually and in terms of governance and management principles. To provide principles of human elements such as manning and certification of seafarers

Semester 2: Maritime Law & Policy specialisation

This specialisation has been designed for people working in policy formulation or an advisory capacity at an executive level, whether in the public or private sector. It provides the essential knowledge and understanding of maritime administration issues required by such senior maritime personnel, and gives in-depth appreciation and advanced knowledge of the law and policy related to international maritime transport.

Principles of Maritime Administration and Management

8 EC

To provide a broad overview and appreciation of the role of government in policy formulation and the administration of maritime affairs. To define and examine "maritime administration" conceptually and in terms of governance and organizational structure using modern management methodologies and techniques, such as management by objectives (MBO), rational planning and new public management

(NPM) in the maritime context. To provide an overview of the various international institutions involved in shipping and maritime affairs, including UN agencies and inter-governmental and non-governmental organizations and their interrelationships

Law of the Sea and Maritime Security

10 EC

To provide a clear understanding of the regimes of maritime zones under the UN Convention of the Law of the Sea, from the perspective of maritime administrations and their particular interests. To provide a broad overview of the importance of maritime security in the current context and to afford an understanding of the developing regime under different initiatives taking place under the aegis of IMO instruments and UNCLOS

Maritime Human Factors

6 EC

Aim To provide an overview of the relevant IMO, ILO, and other regimes relating to maritime labour and welfare, and in particular the rights and expectations of seafarers in relation to occupational safety. To impart adequate knowledge and understanding of mandates assigned to maritime administrations with particular reference to crew supply, manning and certification of seafarers. To study implications of maritime human factors in the context of maritime safety and risk management

Maritime Commercial Law

8 EC

To impart a clear understanding of commercial law and policy, including marine insurance and general average, carriage of goods by sea under charter parties and bills of lading, and international trade law. To provide an understanding of the law relating to the nationality and registration of ships, maritime claims and their enforcement, arrest of ships, and liens and mortgages

Law and Policy Related to the Marine Environment

8 EC

To afford an in-depth appreciation of the law of marine pollution including various public, regulatory and private law conventions, the penal law of marine pollution, and the laws of wreck and salvage, towage and pilotage

Semester 2: Maritime Safety & Environmental Administration specialisation

This specialisation has been designed for people who serve or who will serve at a senior level in public or private maritime organizations, including as advisers on maritime and marine environmental and ocean management issues. It provides the essential understanding of maritime administration issues and expertise in essential management tools required by such senior maritime personnel to implement safety, security and environmental protection standards.

Principles of Maritime Administration and Management

8 EC

To provide a broad overview and appreciation of the role of government in policy formulation and the administration of maritime affairs. To define and examine “maritime administration” conceptually and in terms of governance and organizational structure using modern management methodologies and techniques, such as management by objectives (MBO), rational planning and new public management (NPM) in the maritime context. To provide an overview of the various international institutions involved in shipping and maritime affairs, including UN agencies and inter-governmental and non-governmental organizations and their interrelationships

Law of the Sea and Maritime Security

4 EC

To provide a clear understanding of the regimes of maritime zones under the UN Convention of the Law of the Sea, from the perspective of maritime and environmental administrations and their particular interests. To provide a broad overview of the importance of maritime security in the current context and to afford an understanding of the developing regime under different initiatives taking place under the aegis of IMO instruments and UNCLOS

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To provide an overview of the relevant IMO, ILO, and other regimes relating to maritime labour and welfare, and in particular the rights and expectations of seafarers in relation to occupational safety. To impart adequate knowledge and understanding of mandates assigned to maritime administrations with particular reference to crew supply, manning and certification of seafarers. To study implications of maritime human factors in the context of maritime safety and risk management

Maritime Safety & Environmental Protection I**6 EC**

To provide an adequate understanding of the major regulatory IMO instruments, particularly MARPOL, relating to the protection of the marine environment. To address contemporary issues such as ballastwater management, anti-fouling systems and the recycling of ships. To examine concepts related to ocean governance and Integrated Coastal and Ocean Management in the context of marine environmental protection

Maritime Safety & Environmental Protection II**8 EC**

To provide an adequate understanding of marine environmental operative issues and principles regarding measures necessary to protect the marine environment. To examine regional and international approaches to vessel safety and marine environmental protection under MARPOL and OPRC. To study current approaches to contingency planning and response to marine pollution, as well as related issues, such as places of refuge, PSSAs, etc

Maritime Safety Systems**8 EC**

To introduce the fundamental precepts of safety and risk, including risk assessment, safety and reliability analysis and FSA. To provide an overview of the risks involved in maritime operations and possible risk control options, such as vessel traffic management, pilotage, search and rescue, evacuation systems, life saving appliances etc. To examine related administrative concepts and tools, such as the IMO Member State Audit Scheme, ISM Code, Port State Control and Flag State implementation and performance

Semester 2: Shipping and Port Management specialisation

This specialisation has been designed for shipping managers and those at an executive level in shipping companies or public administrations, and also for port managers and those at an executive level in port authorities, transport planning departments or private companies. It aims to develop a thorough grasp of different aspects of shipping and port management by providing a detailed understanding of both the technical and commercial aspects and the principles and practices of modern maritime management.

Subjects for the specialisation are largely divided into two groups: Core Subjects (32 EC) and Additional Subjects (8 EC). All SPM students must attend the Core Subjects, but may choose either of the two groups of Additional Subjects.

Students who are independently funded and who write a dissertation may opt to be based in China, at Shanghai Maritime University, for their third semester.

Core Subjects:**Quantitative Methods and Market Analysis****4 EC**

To discuss advanced statistical concepts and modeling for logistics and transport including Normal, Poisson and Exponential distributions with an application to transport modeling and statistical forecasting. To introduce operations research methods including queuing theory. To apply existing quantitative techniques and models to complex logistics and transport problems, particularly regarding the shipping and port industries

Maritime Logistics**4 EC**

To discuss the concepts and development of modern logistics, including supply chain management, and the position of shipping and ports in the logistics and supply chain, with special emphasis on IT-based logistics systems

Financial Management**6 EC**

To introduce the basic principles of accounting and investment appraisal, including basic economics and financial evaluation methods. To develop skills in using financial and statistical computer software, and to develop the ability to analyze financial and accounting information in the maritime sector

Port Management**6 EC**

To provide a comprehensive understanding of port management, including the role and significance of ports in maritime transport, the importance of ports to the national/regional economy, ownership and contemporary issues. To implement port indicators for berth planning, ship operation, quay transfer, storage and receipt/delivery operations, and the relationship between port indicators. To introduce the principles and evolution of container terminal management

Shipping Management**6 EC**

To provide fundamental knowledge of ship management and types of ship-management structures. To develop an understanding of the underlying economics of various shipping sectors to identify strategic challenges, including operational issues, competition issues, capacity adjustments and financial exposure

Maritime Commercial Law**4 EC**

To impart a clear understanding of maritime commercial law, including carriage of goods by sea under charter parties and bills of lading, and international trade law

Integrated Studies Seminars**2 EC**

The students will have the possibility to meet and exchange views with practitioners from the industry in seminar format, providing the opportunity to apply the concepts and principles that govern the maritime world to specific real-world scenarios where a broad understanding of marine activities is needed to identify the solution to interdisciplinary problems

Additional Subjects:**Shipping Management****Ship Chartering and Sales & Purchase****4 EC**

To examine ship acquisition for long and short-term needs, the charter and sale & purchase markets; the role of brokers and the processes and practices of voyage and time chartering as well as buying and selling ships, including case studies on voyage and laytime calculations and chartering negotiations

Maritime Safety and Environment**4 EC**

To analyze standards and requirements dealing with safety, security and environmental protection that affect ports and shipping operators, and to discuss how operators are implementing them. To present cases of best practice in the monitoring and control of shipping activities, reception facilities and air pollution from ships

Port Management**Shipping and Port Marketing****4 EC**

To examine the current competitive environment in the transportation market, and particularly in the port and shipping sectors, to describe the need for active marketing and to discuss modern concepts in the field, as well as current research and implementation techniques. To analyse the economic theory on competition and pricing and to apply to shipping and port markets

Port Logistics and Planning**4 EC**

To explain the concept of port logistics and its meaning in terms of total transport chain. To discuss the importance of a proper container terminal capacity (PCTC) for both a port and its customer. To identify factors affecting PCTC and analyse port transport system in terms of total transport chain. To demonstrate the implication of an improper container terminal capacity from the viewpoint of future planning and development. To use simulation programmes for modern container-terminal planning and operation

Semester 3:**Requirement for all students****Seminar on Contemporary Issues in Maritime Transport 2 non-degree EC**

To give students an opportunity to exchange ideas with each other and with maritime experts through presentations, debates and discussions. The subject covers contemporary issues in various aspects of maritime transport, including areas such as safety, security, environment, technology, commerce and policy

Requirement for students who write a dissertation:**Dissertation Research****24 EC**

In-depth study to demonstrate skill in research, writing and analysis

Electives:**Contemporary Environmental Issues in Port and Shipping Industries 6 EC**

To identify contemporary issues for ports and shipping in the field of the environment. To discuss how the sectors are performing in terms of environmental protection and management. To analyse environmental protection standards and requirements, and to present how port and shipping operators are implementing them. To examine cases of best practice in the monitoring and control of port activities and air pollution from ships. To provide economic explanations for maritime environmental regulations and to discuss the market instruments for the control of ship-originated pollution

Leadership and Human Resource Management**6 EC**

To provide an in-depth understanding of the role and significance of leadership in managing people, including a comprehensive overview of human resource development issues, and the planning and implementation of human resource policy and techniques; to review and discuss aspects of leadership in the context of modern team and project-management principles and techniques, stress and crisis management, motivation, social responsibility, and organizational behaviour in the maritime field

Contemporary Issues in Maritime Labour**6 EC**

To examine contemporary issues affecting the employment of seafarers including, among others, international maritime labour standards, recruitment and retention, changes in crewing patterns, criminalization of seafarers, and the relevance of ergonomics and crew endurance management in the enhancement of shipboard safety

Management of Maritime Operational Risk**6 EC**

To provide of broad overview of maritime risks in ship operation and navigation under different ship and environmental conditions. To provide advanced understanding of risk management and its application to maritime practice in the context of existing and new international rules and regulations

Marine Insurance and Maritime Claims**6 EC**

To provide a comprehensive understanding of marine insurance principles and practice, marine insurance cover for property and liabilities, and standard policy conditions in various insurance markets. To analyse the concept of shipowners' liability, limitation of liability regimes and enforcement of maritime claims

Applied Risk Management in the Maritime Sector**6 EC**

To provide the knowledge of the principles of risk assessment and management in the maritime sector. To discuss in detail how contemporary issues in maritime administration can and have been addressed by suitable risk assessment tools. Practical examples and elaborate case study discussions are the main focus of this course. In addition, a detailed introduction to SAR planning and management principles is given

Technological Innovation in the Shipping Industry**6 EC**

To provide principles of technological innovation and the process of the diffusion in general; to review and analyse aspects of technological innovations developed in shipping industries, based on the relationship between economic demands and technical developments; to discuss future perspectives on technical contributions to maritime safety, security and environmental protection

Maritime Security Issues in International Law**6 EC**

To examine the implementation of maritime security in different contexts by comparing traditional law enforcement approaches under the 1982 United Nations Convention on the Law of the Sea with other multilateral, regional, bilateral or unilateral implementation strategies permitted under international law

Contemporary Issues in Maritime Boundary Delimitation, Fisheries Management and Climate Change**6 EC**

To examine three contemporary issues that relate to the maritime sector: the legal and technical principles applicable to the delimitation of maritime boundaries; current global fisheries and aquaculture challenges related to international, regional and national legal and fisheries management regimes; and an overview of the effects of climate change on ocean and coastal environments, including the effects on shipping and other maritime activities and strategies to deal with problems of adaption and mitigation

Selected Maritime Law and Policy Issues**6 EC**

To survey the development of maritime law and policy by looking into how contemporary concerns evolve into problems, and how solutions are transformed into courses of action. The processes involved in the implementation of maritime treaty instruments and the methodologies for incorporating them into national legislation will be examined, in the light of the ever-changing domestic and international seascape. As this elective is designed to deal with the most contemporary, contentious, and pressing maritime policy concerns of the day, the range of issues to be covered will vary from year to year

The credit system

The standard MSc programme is 14 months long, divided into three semesters and is structured on the European Credit Transfer and Accumulation System (ECTS). ECTS is based on the principle that 60 credits measure the workload of a fulltime student during one academic year, which is around 1600

hours per year. One credit therefore approximately equals 26-28 working hours.

Student workload consists of all planned learning activities, such as attending lectures, field studies, seminars, independent and private study, preparation of projects, examinations and so on. Credits in ECTS can only be obtained after successful completion of the work required and appropriate assessment of the learning outcomes.

10. OBT Scheme

Not applicable

11. Academic Personal Database

Faculty

WMU has an international faculty of 19 resident members, plus five research associates, from countries spanning the globe. The faculty consists of:

Professors	Degree / Job	Year of joining	Country
B. K.	Ph.D. / President	2009	Sweden
N.A.B.	MMM / Vice-President (Academic)	2006	Canada
S. M	Ph.D. / Vice-President (International)	1995	China
O. L.	Ph.D. / Nippon Foundation Chair	2004	Sweden
S-H M	Ph.D. / INMARSAT Chair	2009	Korea
P. K. M.	Ph.D.	2000	Canada
T. N.	Ph.D. / Nippon Foundation Chair	2004	Japan
Associate Professors			
P. D.	LLM / Associate Academic Dean	1995	Finland
M. M.	Ph.D.	2000	Philippines
J.-U. S.	Dr-Ing, Nippon Foundation Chair	2003	Germany
A. Ö.	Ph.D.	2012	Turkey/UK
Assistant Professors			
M. B.	Dr-Ing	2009	Germany
R. B.	Ph.D.	2010	France
C. W. C.	B.Ed. (Hons)	1987	UK
C. Kojima	JSD	2010	Japan
R. P.	M.Sc.	2003	India
M.C. R.L.	Ph.D.	2011	Venezuela
Lecturer			
M. S.	MBA (seconded from the USCG)	2010	USA
Research Associates			
C. A. G.	Ph.D	2011	India
M. K.	Ph.D.	2011	Japan
S. K.	Dipl-Ing (FH)	2010	Germany
H. N.	M.A	2011	Sweden
B. N.-S	Dr. rer. pol.	2011	Germany

In addition to the resident faculty, WMU has 110 outstanding Visiting Professors from around the world, who are renowned academic or professional experts in their field, and 6 Adjunct Professors, who contribute their expertise to specific areas, including Dr. Charles R. Cushing, a member of the National Academy of Engineering (USA).

◆ Danish Maritime University (DAMARU)

1. General Information of The Institution
SIMAC is providing the Danish Maritime Cluster and the worldwide shipping industry with Bachelors and Post Graduates. SIMAC is located on Fyn, Denmark. SIMAC has around 430 students per year. Please visit our webpage www.simac.dk for further information in English.
2. National System of The Education and MET
3. Academic Maritime Education
SIMAC is providing the Danish Maritime Cluster and the worldwide shipping industry with Bachelors of Maritime Transport and Ship Management, Bachelors of Technology Management and Marine Engineering, Bachelor of Maritime Transport and Nautical Sciences and Post Graduate Marine Chief Engineers and Post Graduate Master Mariners as well as Post Graduate Marine Chief Engineer and Master Mariners.
Additionally SIMAC is licensed to offer a range of courses for external clients.
4. Non-Academic Maritime Education
SIMAC is licensed to offer a range of courses for external clients.
5. Structure of Institutions
6. Differences in National Maritime University if any
7. Statistics of National MET
8. Training Ships
None – most students have a contract with a ship owner and the trainee periods at sea are on the vessels already operated by the ship owner. The land-based Bachelors of Technology Management and Marine Engineering have their traineeship in various companies.
9. Structure of Maritime Programs
(Presently not published in English – if you consider a semester at SIMAC or writing your bachelor thesis in Denmark please contact Internationalization Manager Susie Simonsen at sus@simac.dk).
10. OBT Scheme
11. Academic Personal Database

4. Utilizing Database & Direction for Future Development

4.1 Maritime Human Resource Database (MHRD)

Logically – database is a collection of information in specific field or area of interests. Expectations of possession users may require to permanent develop of database.

All records of registered people in Maritime Human Resource Database should be every year or every two years updated.

Every modern activity organization what IAMU no doubt is, should understand, that proper information is a crucial matter.

User can generate different list (ideal list) or (close to ideal list) according to expected needs.

Our database do not content any wrong information or mistakes – what is a great handicap of our HR base.

Our database is practically a modern version of traditional files but exist not only in one direction (how it is in library database which specifically is prepared only to make a selected list of books / articles). Different reasons of using MHRD.

MHRD gives a quick access to information, easy reporting.

4.2 Main MHRD Function:

- Record's creation
- Data's sorting
- Data's search and selection
- Creation of queries
- Creation of reports



Computer interlinks gives the possibilities of approaching to database in global dimensions:

- Mailing – way of activity using e-mail addressing from database
- Teleconference – way of activity using mobile phone/computer to initialising voice conference with several person
- Videoconference - way of activity using mobile phone/computer to initialising voice and video conference with several person
- To use above way of communications as tele and video conference the database should be increased by two additional fields: the Skype identifier and website address on Facebook social network.
- Conference information sent to selected addresses for people who declared interest in separate field of activity

Dean of Navigation Department in Gdynia Maritime University Prof. Weintrit declared that in process of preparing 10th Conference Transnav (June 2013) will use MHRD, but only in selected list of addresses.

IAMU directory contain only Presidents and contact person addresses. MHRD gives a chance to approach to much more people and strait to people may be interested in particular subject of conference.

Maritime Human Resource specialists face the increasingly challenging issue an ever-greater number of IAMU Institutions teacher. Computers can obviously be a tremendous help for different processes of finding proper qualified persons with their skills, personal experience, can be stored in centralized database own by International Association of Maritime Universities (IAMU) and then retrieved according to specific search criteria.

Contents of personal files in MHRD is actually fixed but maybe near future will require developing or modernize content of file. It should be subject of study in next period of develop of project.

Necessity for the establishing of a databank of Different Specialities Teachers, Instructions etc. was discussed between IAMU members institutions.

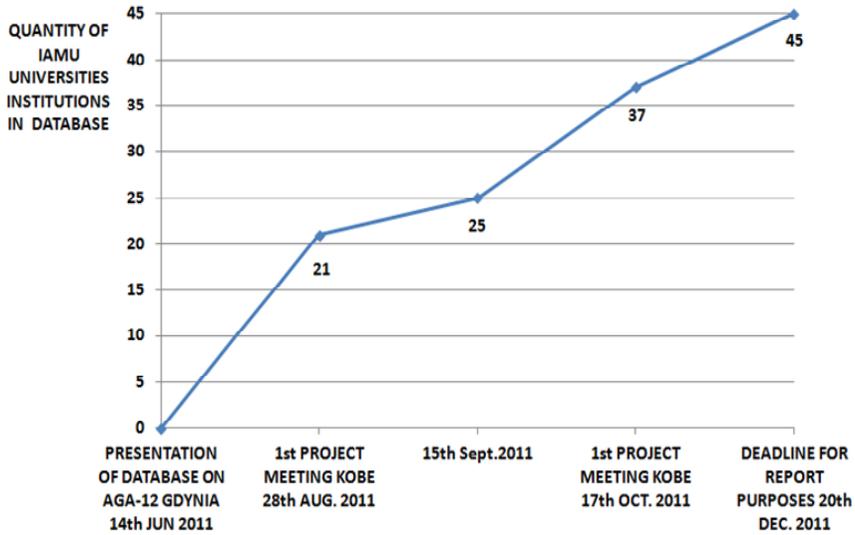


Fig. Quantity of IAMU Universities / Institutions in Database

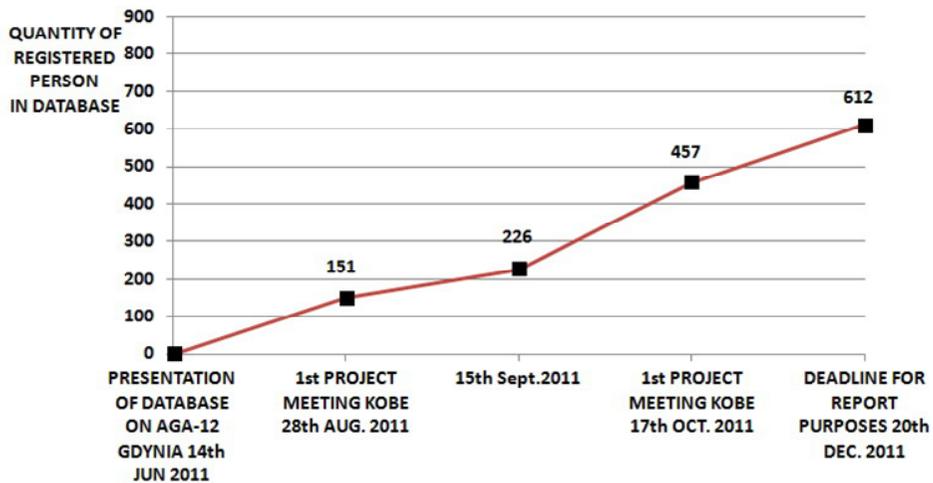


Fig. Quantity of Registerd Person in Database

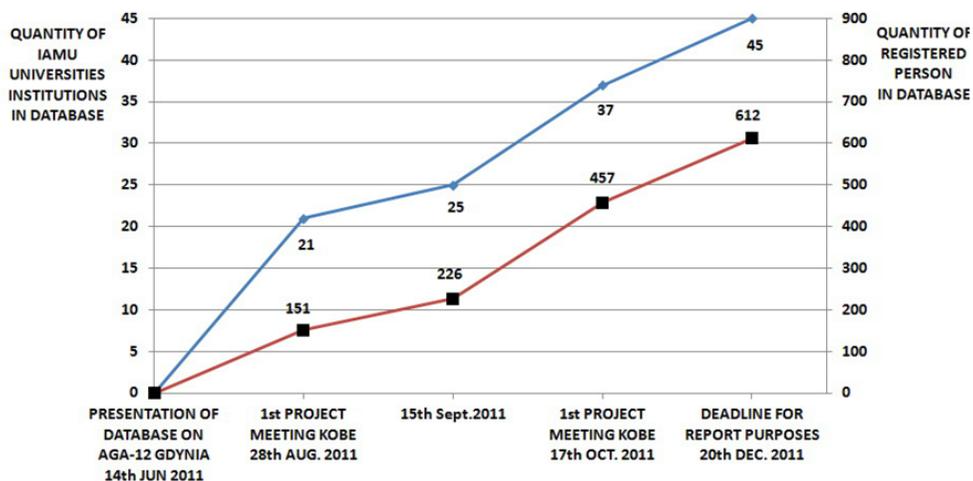


Fig. Quantity of IAMU Universities / Institutions in Database & Quantity of Registered Person in Database

COMMENTS TO DRAWINGS

1) In 3 more less similar periods (apr. 2 months each)

1. 14th June - - - 28th August
2. 28th August - - - 15th Sept.
3. 15th Sept.----- 19th October
4. 19th October - - - 10 December

Was observed systematically increasing of quantity of IAMU members institutions and quantity of registered in database persons.

2) In summer vacation period (1.) statistical ratio registered person for quantity of institutions was 7,2.

In post vacation period (2.) statistical ratio was 12,4.

In final period (3.) statistical ratio was ...

3) As shown figures it was not enough time (in summary only half a year) to collect satisfactory level of database capacity.

Natural suggestion is to prolog period of collection data for next half a year.

two months periods are very reasonable for making interim reports and prepare analyze.

We suggest interim collection periods :

- up to the middle of February 2012
- to the middle of April 2012
- to June 2012 – time of 3rd project meeting.

End of period (5.) is a time of IEB meeting in Newfoundland. Leader of project should participate in IEB meeting with new actual information and statement of MHRD.

In the end of each period (4. & 5.) virtual discussion / meeting of project participants should be organized. Maybe videoconference as a modern tool of activity should be prepared for above occasion.

Period half a year collecting of database was definitely too short and necessary to continue period for minimum 6 next months.

4) New deadline for develop database is the end of June 2012.

After that time should be period of utilisation and testing period of different possibility of usage. Project participants should prepare several scenario; for example :

- a) Simulation of exchange teachers in nominated field: shiphandling
- b) Simulation of list of participants inviting for conference for example: “On board training and student’s record books”
- c) Establishing a worthy team for new proposition of research project for example : “Place of celestial navigation, Morse alphabet, radio / VHF communications etc. in modern curricula of studies”.

For general session AGA-13 necessary to propose to organizers partial presentation concerning MHR Database, IAMU website, paper directory etc. prepared by Secretary Office with authors of project and others. General session in opening day of AGA-13, where representatives of IAMU and other institution participate, gives a chance to understand of importance of the project, ideas of database to Presidents and all other participants. It will also be a good time to start a discussion in this matter.

The following terms I see useful for report:

Data stream

- Continuous
- Dynamic

Flat file

4.3 Data Importing for Further Processing

Formula of creating sheets (one or more) specially designed with thoughtful division columns and rows.

Database is used to create and manage data stored in the computer system.

Database normalization
Database maintaining and tuning
How database usage requirements are met
Database migration between other databases

4.4 Strategy for Utilization of MHRD

1. Necessary to continue regional (1 – 4) action to visit outstanding institutions. After final December statement visit project members were very fruitful (see visit Dr. Kamahara to Sweden, France, Denmark and UK and visit Prof. Dr. Capt. Kaczynski to Spain / Barcelona visit Mr. Rooks to USA.)
2. New IAMU members not familiar yet with the project: Mexico, Venezuela and Bremen in near future – this is one of direction of further action.
3. Leader, Mr. Furusho should supply project participants with actual statistics report (December 2011) of database.
4. There is a few databases for example “DATABANK of Maritime English Teachers” made by group led by Boris Pritchard (Croatia) for IMEC. Maybe it is a good idea to make web links from MHRD to other existing databases.
5. Discussion about legal aspects of securing of database. Database security deals with all various aspects of protecting the database content, its owners, and its users. It ranges from protection from intentional unauthorized database uses to unintentional database accesses by unauthorized entities (e.g. a person or computer program). ☺

5. Conclusion:

5.1 Tangible Results

The preparatory meeting for the IAMU founding was held in Istanbul, Turkey on the 12th of Dec. 1999. All of you might be able to understand not only the login name of the IAMU website but also the password for entering it according to the date of IAMU's founding. In this preparatory meeting, the objectives and goals of IAMU were discussed. The keywords of these objectives and goals of IAMU should be "tangible results". "Tangible" has a wide and deep meaning such as the words "clear", "visible", "sure", "adjective" and "cooperative". These objectives and goals of IAMU could be realized by supporting human resources and cooperative activities.

5.2 Maritime Institutional and Personal Database

Over the past two years, we human resource database project members have tried to create an effective and useful database from not only an organizational/ institutional database perspective but also as a personal database. The organizational/ institutional database can be collected by supporting member universities. In a similar way, the personal database needs cooperation by stakeholders in IAMU member universities / institutions. The response ratio in FY 2010 was 24%, and in FY2011 the ratio rose to 52%. These response ratios show that the attitude of IAMU's activities is equivalent to half of the member universities/ institutions. In FY 2011, we started to request the input into a personal database by using a web collection system made by cooperative member Dr. J. Kamahara (Kobe University). Over 600 persons in each member universities/ institutions supported this project, especially speaking; about over 50% of staff members in Asia region (Region1) were more active than other regions.

5.3 Sustainable Development

Any kind of database should be updated, so the problem of the database project is how to maintain the data collecting system and also how we can keep the database fresh. This maritime human resource database project will finish at the end of March 2012. But for the purpose of research activities on the maritime academic issue, these database systems should be kept for sustainable development. The projected new members in the near future also have an obligation to participate in the database for the corporative research network among IAMU member universities/ institutions.

5.4 Safety Navigation and Environmental Protection for the Qualitative Maritime Education and Training

The safety culture and the safety navigation have a synergy that affects each other. The cooperative maritime education and research works have focused on quality management. The Master always has his own seamanship onboard, as people often say "Different Ship Different Long Splices", and qualitative maritime education and training can enhance the level of safe navigation. After a maritime accident at sea such as the Titanic occurs, a new convention/code is regulated for preventing similar future accidents. The qualitative maritime education and training can realize the reduction of accident numbers at sea. The maritime human resource database should be effective, and by these circumstances, the cost of promotional activities can be saved by building up ties with this database with using our hearts and hands.

6. References:

- [1] Microsoft Developer Network “Resource Management Data”
[http://msdn.microsoft.com/en-us/library/ms423156\(v=office.12\).aspx](http://msdn.microsoft.com/en-us/library/ms423156(v=office.12).aspx) (cited 17 November 2011)
- [2] Michael J. Kavanagh.; Mohan Thite. HUMAN RESOURCE INFORMATION SYSTEMS Basics, Applications, and Future Directions. SAGE
Chapter 14. International Human Resource Management p.361 – 394
Chapter 15. Information Security and Privacy in HRIS
- [3] Webopedia “database”
<http://www.webopedia.com/TERM/D/database.html> (cited 17 November 2011)

7. Acknowledgement

All project members would like to express sincere appreciation for supporting members of IAMU. Each and every person has small efforts to input the personal data, so we can make bigger database related on maritime issue.

All project members would like to show many thanks to not only APRC committee members who accepted the aims and objectives of this project, but also IAMU secretary office members who advised an efficient opinion.

Special thanks to Associate Professor Matthew Rooks who engaged in very hard for promotional activity in USA.

Special thanks to Dr. Junzo Kamahara who created and founded the database System in Kobe University.

Special thanks to Ms. Kyoko OGURA san who engaged very hard for making good communication with everybody in IAMU and Kobe University.

8. Appendix:

We received the approval for providing the personal page on “Maritime Human Resource Database” by contact persons in each university/institution.

These are listed in alphabetical order of the university name.



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Profile

User	LOGINOVSKY Vladimir
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Language1	Russian
Language2	English
Careers	Admiral Makarov State Maritime Academy
Degree	D.Sc.
License	OOW
Specialities	Safety of Navigation
Academic Societies or Associations	IAMU
Interests	Human element, situation awareness, risk assessment, e -navigation
Prizes	
Under Graduate Courses	Navigation
Graduate Courses	Risk assessment, Formal safety assessment
URL	http://www.gma.ru/
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Profile

User	Bhardwaj, Suresh
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Section	
Jobtitle	Vice Chancellor
Tel	+91 44 3247 2682
Fax	+91 44 2747 2804
Language1	English
Language2	
Careers	Institute of Ecology and Environment, New Delhi
Degree	Post Graduate Diploma in Ecology and Environment
License	Master Mariner (Foreign Going)
Specialities	Management systems for Quality, Safety, Occupational Health, Environment, Social Accountability.
Academic Societies or Associations	Fellow of Institute of Chartered Shipbrokers (UK); Fellow of Nautical Institute (UK); Fellow of Company of Master Mariners of India.
Interests	Pursuing PhD Doctoral Research with University of Plymouth (UK).
Prizes	"Outstanding Contribution - Maritime Education and Training" at The Leadership and Excellence Awards 2008 of The Shipping and Marine World Expo held at Mumbai.
Under Graduate Courses	
Graduate Courses	
URL	
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Profile

User	Lloyd, John
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Tel	+61 408 124 157
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Language1	English
Language2	
Careers	Southampton Solent University
Degree	MBA
License	Class 1 Deck (Master Mariner)
Specialities	Shiphandling; Maritime Training Management
Academic Societies or Associations	Nautical Institute
Interests	Manpower planning; use of simulation in determining competence
Prizes	
Under Graduate Courses	Shiphandling;
Graduate Courses	Managing Maritime Emergencies
URL	www.amc.edu.au
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Profile

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Language2	English
Careers	the Kaliningrad Technical Institute
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License	
Specialities	
Academic Societies or Associations	IAMU, IGIP
Interests	
Prizes	
Under Graduate Courses	Theory of Ship
Graduate Courses	Ports/Cargo Terminals Facilities
URL	
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Language1	Georgian
Language2	English
Careers	Iv. javakhishvili Tbilisi State University
Degree	Ph.D in International law
License	
Specialities	Law, international relations
Academic Societies or Associations	
Interests	Maritime law
Prizes	
Under Graduate Courses	
Graduate Courses	
	Law of the Sea/Shipping law
URL	
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Language2

Careers California Maritime Academy, San Jose Stae University

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License Chief Engineer (Motor, Steam)

Specialities Professional Mechanical Engineer

Academic Societies or Associations ASEE

Interests Maritime Pedagogy, Simulation, Humanitarian Logistics

Prizes

Under Graduate Courses Marine/Mechanical Engineering

Graduate Courses

URL skreta@csum.edu

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Profile

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Language2	Romanian
Careers	Constatantza Naval Academy; Politechnical University Bucharest (Ph.D)
Degree	Ph.D
License	Chief Officer
Specialities	Navigation, Maritime Transport, Maritime Simulation, Safety & Security
Academic Societies or Associations	IMLA (International Maritime Lecturers Association); IMSF (International Maritime Simulation Forum)
Interests	Waterborne transport, Safety of maritime transport, Navigation simulation, Human errors
Prizes	
Under Graduate Courses	Radar Navigation; Electronic Navigation; Bridge Team Management
Graduate Courses	Voyage planning and execution, Maritime security, Oil spill crises management
URL	http://www.cmu-edu.eu/
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Profile

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Language2	
Careers	Dalian Maritime University
Degree	Master of Arts
License	
Specialities	English language and inter-cultural communication
Academic Societies or Associations	
Interests	
Prizes	
Under Graduate Courses	
Graduate Courses	
URL	
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License Master Mariner

Specialities

Academic Societies or Associations

Interests

Prizes

Under Graduate Courses

Graduate Courses

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Language2	
Careers	İstanbul University, Ph.D.
Degree	Ph.D.
License	Master Mariner
Specialities	
Academic Societies or Associations	
Interests	management and organisation, Organisational behaviour, simulators
Prizes	
Under Graduate Courses	electronic navigation, bridge resources management, management and leadership
Graduate Courses	Human resources management, management and organisation
URL	
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Profile

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Fax	
Language1	French
Language2	English
Careers	Institut d'études politiques, Bordeaux & Université Montesquieu, Bordeaux & Ecole nationale de la marine marchande, Marseille
Degree	Master in political sciences & Master in public administration & Master in nautical sciences (deck and engine)
License	Master mariner & first engineer
Specialities	Maritime Law, maritime economics, Ship manoeuver
Academic Societies or Associations	
Interests	maritime law and maritime economics
Prizes	
Under Graduate Courses	maritime civilization, collision rules, ship manoeuver
Graduate Courses	maritime law and maritime economics
URL	www.supmaritime.fr/
Modified	

Actions

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Profile

User Järvik, Ahto

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Institution Estonian Maritime Academy, Estonia

Section Department of Fisheries and Chemistry

Jobtitle Professor

Tel 372+5265 825

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Language1 Estonian

Language2 Russian, English

Careers Kaliningrad Technical Institute of Fisheries, fishing technology and navigation

Degree Ph.D

License

Specialities Fishing Technology, Environment Impacts Assessment (marine environment)

Academic Societies or Associations
Member of working groups ICES: Effects of Extraction of Marine Sediments on the Marine Ecosystem; Fishing Technology and Fish Behaviour. Member of National Committee of Marine Sciences, Estonian Academy of Sciences; Member of Consulting Board by Fishery

Interests Sustainable fishery; Sustainable management of coastal sea

Prizes Medal of the University of Tartu

Under Graduate Courses
Fishing Technology, 6 ECTS; Organization of Responsible Fishery, 5 ECTS; Environment Impacts Assessment and Environment Management Systems, 3 ECTS

Graduate Courses
Environment Impacts Assessment and Environment Management Systems, 3 ECTS

URL

Modified 2011-09-19 20:49:02

Actions

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Profile

User	Dutton, Catherine
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Section	Maritime Studies
Jobtitle	Head of School
Tel	+01 (709) 778-0361
Fax	+01 (709) 778-0659
Language1	English
Language2	
Careers	Memorial Univesity of Newfoundland
Degree	M.Eng., B.Eng. B. Voc. Ed.
License	
Specialities	Administration, STCW
Academic Societies or Associations	President - Canadian Association of Maritime Training Institutes (CAMTI)
Interests	STCW
Prizes	
Under Graduate Courses	Subjects taught - Thermodynamics and Heat Transfer
Graduate Courses	
URL	www.mi.mun.ca
Modified	2011-10-18 01:06:19



Actions

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Profile

User	Laczynski Bogumil
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Section	Faculty of Navigation, Ship Operation Department
Jobtitle	Professor
Tel	+48 601616661
Fax	+48 586209715
Language1	Polish
Language2	English
Careers	Odessa National Maritime Academy
Degree	Ph.D
License	Master Mariner
Specialities	Cargo Handling, Ship Handling, Ship and Port Management
Academic Societies or Associations	IAMU, Polish Chamber of Maritime Commerce, Polish Ship Master Association
Interests	International Cooperation in MET, Cargo Handling
Prizes	President of GMU awards few times
Under Graduate Courses	Carriage of the Goods, Ship Management, Port Operation
Graduate Courses	Advanced Port Operation, Ship Management
URL	
Modified	2011-07-27 17:03:59

Related Papers

Names	Title	Publication	Year	Actions
Laczynski Bogumil, Starosta Andrzej	Plan ładunkowy statku handlowego (Stowage plan)	Text book of GMU	2006	View
Laczynski Bogumil	Green Ships, Eco Shipping, Clean Seas	Proceeding of AGA12 IAMU (Editor)	2011	View

Actions

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Profile

User	Nguyen Thuy Hong, Van
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Section	International Relations R&D
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Tel	+84 8 35106171
Fax	+84 8 38980456
Language1	Vietnamese
Language2	English
Careers	Columbia Southern University, USA
Degree	M.A, M.B.A
License	
Specialities	
Academic Societies or Associations	
Interests	
Prizes	
Under Graduate Courses	
Graduate Courses	
URL	http://hcmutrans.edu.vn/
Modified	2011-07-26 16:13:31

Related Papers

Actions

[My page](#)[My Papers](#)[Search Profiles](#)

Profile

User BENEDICT, Knud

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Institution Hochschule Wismar, University of Applied Sciences - Technology, Business and Design, Germany

Section Department of Maritime Studies Warnemuende

Jobtitle Professor

Tel +493814985891

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Language1 German

Language2 English

Careers Founding Dean of new Dept. of Maritime Studies 1992, Head of Maritime Simulation Centre MSCW since 1998

Degree Dr.-Ing., Dr. sc.techn., M.Sc./Dipl.Ing.

License

Specialities

Academic Societies or Associations
IMSF, IAMU, STG, DGON, IMLA/INSLC

Interests Simulation of Maritime Systems, Manoeuvrability and Support by Fast Time Simulation

Prizes

Under Graduate Courses
Ships Theory, Stability, Ships Dynamic/ Manoeuvrability, Maritime Traffic Simulation

Graduate Courses
Technical Aspect and Simulation of Maritime Systems, Integrated Manoeuvring/Propulsion and Navigation Systems

URL <http://www.sf.hs-wismar.de/index.php?id=322&L=1>

Modified 2011-11-02 22:32:34

Related Papers



Actions

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Profile

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Language2 English
Careers World Maritime University
Degree M.Sc
License Master Mariner
Specialities Maritime Education and Training specially STCW Convention

Academic Societies or Associations

Interests

Prizes

Under Graduate Courses

Graduate Courses

URL

Modified 2011-07-31 13:07:18

Related Papers

[Help](#)Welcome, Masao FURUSHO, [mypage](#), [logout](#)

Actions

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Profile

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Jobtitle	Assistant Professor
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Language2	Japanese
Careers	Kobe University
Degree	Ph.D.
License	Oceangoing Chief Officer
Specialities	Maritime Traffic Management
Academic Societies or Associations	RIN, JIN
Interests	VTS, BTM, Risk assessment and management
Prizes	
Under Graduate Courses	Ship management, Watchkeeping
Graduate Courses	Maritime Traffic Planning and Management
URL	
Modified	2011-10-02 04:46:21

Related Papers

Actions

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- Search Profiles

Profile

User Sebastian, Ronald
Raymond

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Institution John B.Lacson
Foundation Maritime
Univirsity, Philippines

Section Executive Council

Jobtitle Chief Executive Officer

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Fax 63 33 3365507

Language1 English

Language2

Careers John B. Lacson
Foundation Maritime
University

Degree Ph.D. Maritime
Education

License

Specialities Management

Academic Societies or Associations

Interests

Prizes

Under Graduate Courses

Graduate Courses

URL

Modified 2011-12-10 12:15:35

Related Papers

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Actions

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Profile

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Language1	Chinese
Language2	English
Careers	Wuhan University of Technology
Degree	M.Sc
License	-
Specialities	-
Academic Societies or Associations	-
Interests	fluid power and control, Marine diesel engine
Prizes	-
Under Graduate Courses	internal combustion engine, mechanics of fluid
Graduate Courses	Marine Auxiliary Machinery
URL	
Modified	2011-09-22 22:40:21



Actions

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Profile

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Fax	+90 462 7464045
Language1	English
Language2	Russian
Careers	Karadeniz Technical University
Degree	Ph.D
License	Master Mariner
Specialities	Oil spill expert, Simulation
Academic Societies or Associations	
Interests	Oil spill modelling, Risk assesment, Simulation
Prizes	TUBİTAK
Under Graduate Courses	
	Seamanship, Quality and safety management, Charetering and Brokering, BTM
Graduate Courses	
	Oil spill and clean up, Maritime risk assessment and management, Simulation
URL	www.ersanbasar.com
Modified	2011-11-02 19:50:27

Related Papers

Names	Title	Publication	Year	Actions
E, BAŞAR	M/V Strontsiy Gemi Kazası Sonrasındaki Dökülen Yakıt Dağılımının Benzetim Modeli	Dokuz Eylül Üniversitesi Denizcilik Fakültesi Dergisi	2010	View
E. ÇAPKIN, M. BORAN, E. BAŞAR	Temporal and Spatial Distribution of Some Pollutants in and around Trabzon Harbour (Turkey)	Proceedings of the International Conference on the Mediterranean Coastal Environment, MEDCOAST	2003	View



Actions

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Profile

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Language1	Japanese
Language2	English
Careers	Kobe University of Mercantile Marine
Degree	Dr. in Psychology
License	Master Mariner
Specialities	Traffic Psychology at Sea, Maritime Safety Management, Visual Perception at sea (Look-out), Seamanship
Academic Societies or Associations	The Japan Institute of Navigation, The Illuminating Engineering Institute of Japan, Japanese National Committee of CIE, The Japanese Association of Traffic Psychology, Japan Ergonomics Society, Human Interface Society, Japan Society of Shipping Economics
Interests	Ship Safety, Human Error, Human Element, Application Psychology
Prizes	Paper Award of Japan Institute of Navigation (1999)
Under Graduate Courses	Safety Seamanship, Maritime Law
Graduate Courses	Human Factors in Maritime Traffic System
URL	
Modified	2011-12-05 09:52:43



Actions

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Profile

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Language1	Korean
Language2	English
Careers	University of Plymouth, UK
Degree	PhD
License	Master Mariner
Specialities	Marine Traffic Engineering (Safety)
Academic Societies or Associations	
	Korea Institute of Navigation & Port Research (KINPR)- Vice President
Interests	Marine Traffic Safety, VTS, Aids to Navigation
Prizes	Asia Navigation Conference 2010, Best Paper Award
Under Graduate Courses	
	Marine Traffic Engineering, Maritime English, Marine Safety Management
Graduate Courses	
	Marine Traffic Engineering, Vessel Traffic System, Marine Safety Management
URL	http://www.hhu.ac.kr
Modified	2011-07-26 09:25:18

Related Papers

Names	Title	Publication	Year	Actions
Volkan AYDOGDU, Jinsoo PARK, Yavuz KECELI, Youngsoo PARK	An alysis of MARine Traffic Features for safety assessment at Southern Entrance of the Istanbul Strait-I	Journal of Navigation and Port Research	2008	View

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Actions

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Profile

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Section College of Maritime
 Sciences
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 4243,
Fax +82 51 404-3985
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Language2 Japanese
Careers Totori Univeristy
Degree PhD
License Master Mariner
Specialities Electronic Engineering

Academic Societies or Associations

Korea Institute of
 Navigation & Port
 Research, Director

Interests

Prizes

Under Graduate Courses

Graduate Courses

URL www.hhu.ac.kr
Modified 2011-09-21 17:20:32

Related Papers

Actions

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Profile

User	Nosovskyi Andrii
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Section	
Jobtitle	Pro-rector of International Relations and Retraining
Tel	+380 44 463 74 71
Fax	+380 44 417 60 91
Language1	Ukrainian
Language2	English
Careers	Kiev State Maritime Academy
Degree	Ph.D
License	Deep Sea Captain
Specialities	navigation
Academic Societies or Associations	
Interests	satellite high-precision navigation of water transport
Prizes	
Under Graduate Courses	
Graduate Courses	
URL	andreyn@i.kiev.ua
Modified	2011-12-06 23:07:37

Related Papers

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Actions

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Profile

User	Jenkinson, Ian
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Section	
Jobtitle	Director of School of Engineering, Technology and Maritime Operations, Professor
Tel	00 44 79 68 42 23 44
Fax	
Language1	English
Language2	
Careers	Iniversity of Liverpool, University of Newcastle
Degree	Ph.D, M.Sc, B.Sc
License	
Specialities	Engineering
Academic Societies or Associations	FIET
Interests	Operational Management
Prizes	
Under Graduate Courses	Safety and reliabilty
Graduate Courses	Safety and reliabilty
URL	
Modified	2011-11-06 21:48:30

Actions

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Profile

User	CROSS, Stephen
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Institution	Maritime Institute Willem Barentsz of the NHL University
Section	
Jobtitle	Director of Projects
Tel	+ 31 562 446600
Fax	+ 31 562 446601
Language1	English
Language2	Dutch
Careers	Southampton Solent University
Degree	PhD
License	Capt.
Specialities	MET, Marine Simulation
Academic Societies or Associations	IAMU, IMLA, IMSF, GlobalMET, NI, RIN
Interests	MET
Prizes	
Under Graduate Courses	
Graduate Courses	
URL	
Modified	2011-09-11 17:57:50

Related Papers

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Actions

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Profile

User	Alexei Strelkov
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Institution	Maritime State University named after Admiral G.I. Nevelskoy, Russi
Section	Maritime English Dept
Jobtitle	Head of Dept, Assoc Prof
Tel	+7 423 2412136
Fax	
Language1	English
Language2	Russian
Careers	Far Eastern State University
Degree	B.Sc
License	
Specialities	teaching English
Academic Societies or Associations	
Interests	
Prizes	
Under Graduate Courses	
Graduate Courses	
URL	
Modified	2011-09-17 05:46:44

Related Papers

Actions

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Profile

User	Bradley K. Lima
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Institution	Massachusetts Maritime Academy, USA
Section	Academic Division
Jobtitle	VP Academic Affairs
Tel	508 830-5012
Fax	508 830-5090
Language1	English
Language2	
Careers	Marine Engineering & Management
Degree	BS & MS
License	Chief Engineer any horsepower
Specialities	Small arms training
Academic Societies or Associations	Associaiton for Facility Engineering
Interests	n/a
Prizes	n/a
Under Graduate Courses	steam propulsion systems, HVAC and Refrigeration
Graduate Courses	
URL	www.maritime.edu
Modified	2011-10-04 21:23:11

Related Papers

Actions[My page](#)[My Papers](#)[Search Profiles](#)**Profile**

User	Ma. del Rosario Mendoza Saucedá
Email	mmendoza@fidená.gob.mx
Institution	Mexican Maritime Education System (Fideicomiso de Formación y Capacitación para el Personal de la Marina Mercante Nacional), Mexico
Section	Maritime Education
Jobtitle	Director
Tel	525552416204
Fax	
Language1	Spanish
Language2	English
Careers	Merchant Maritime Academy
Degree	Master, Engineer
License	Master
Specialities	Specializing in Teaching skills
Academic Societies or Associations	Mexican Pilots and Captains Association
Interests	Maritime Education Academic development
Prizes	
Under Graduate Courses	STCW, radar observer,
Graduate Courses	OMI 6.09 Training to Trainers, Specializing in Teaching skills, Maritime Education Instructor
URL	
Modified	2011-09-30 03:04:19

Actions

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Profile

User	YOON, DAEGWUN
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Section	Maritime Transportation
Jobtitle	Professor
Tel	82-61-240-7179
Fax	
Language1	Korean
Language2	English
Careers	New Jersey Institute of Technology
Degree	Ph.D
License	2nd Officer on Deck, Charter Party in USA
Specialities	Supply Chain Management, Maritime Transportation
Academic Societies or Associations	
Interests	Supply Chain Management, Maritime Transportation, ISPS
Prizes	
Under Graduate Courses	
Graduate Courses	
URL	www.mmu.ac.kr
Modified	2011-08-10 17:44:18



Actions

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Profile

User	Nikolova, Natalia Danailova
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Section	maritime business and training, research in various areas of science
Jobtitle	Associated Professor
Tel	+359 885 401514
Fax	+359 52 303163
Language1	English
Language2	Spanish, Spanish, Russian
Careers	Technical University - Varna 2002-2010; 2011 on - Nikola Vaptsarov Naval Academy
Degree	PhD
License	
Specialities	quantitative decision analysis, risk analysis, simulation modeling
Academic Societies or Associations	IEEE, SIPTA, SAI, Union of Scientists in Bulgaria, Union of Mathematicians in Bulgaria
Interests	quantitative decision making, simulation modeling
Prizes	
Under Graduate Courses	Decision Making, Information technologies, Econometrics
Graduate Courses	Decision Making, Risk analysis, Business Applications for Data Analysis
URL	http://bg.linkedin.com/pub/natalia-nikolova/29/857/848
Modified	2011-12-16 21:40:00

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Profile

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Maritime Academy,
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Jobtitle Lecturer

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Fax

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Language2 English

Careers ONMA

Degree M.Sc

License Master Mariner

Specialities

Academic Societies or Associations

Interests

Prizes

Under Graduate Courses

Graduate Courses

URL

Modified 2011-10-19
14:42:43

Related Papers

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Actions

Profile

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Language1	Spanish
Language2	English
Careers	Polytechnic University of Catalonia
Degree	Ph.D (Nautical Sciences & Engineering)
License	Mate License
Specialities	Navigation
Academic Societies or Associations	
	President of Rideport (International Network of Port & Coast Experts), Transmar Research Group
Interests	Ports & Maritime Security, Management, Executive, International Business, Marketing on the Shipping Industry, International Operation in Maritime & Shipping Industry,
Prizes	Five Awards for being the number one of the class during the University at Universidad Marítima del Caribe in Venezuela Awards for collaborate with the International cooperation in International courses between Spain and Panama-Tech. University of Panama
Under Graduate Courses	
	Maritime Transport, Shipping Companies and Naval Constructions
Graduate Courses	
	International Business, Port's Management & Port's Marketing, International Logistics
URL	www.drjesusmartinez.blogspot.com
Modified	2011-09-16 23:22:55

Actions

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Profile

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Language1	English
Language2	French (basic)
Careers	World Maritime University
Degree	Ph.D, M.Sc.
License	Master Mariner
Specialities	Knowledge Management, Maritime Administration, Maritime Education and Training, Navigational Systems
Academic Societies or Associations	
	Ghana Merchant Navy Officers Association (GMNOA), International Maritime Lecturers' Association (IMLA), Maritime Risks and Safety (MaRiSa) Research Gp. of WMU, Gulf of Guinea Maritime Institute, Maritime Human Factor Research Gp.
Interests	Operational risk governance and policy; Operations research; Management, organisational behaviour and organisational learning; Statistical tools in organisational research; Measurement of performance; Knowledge management
Prizes	ITF fellowship - MSc in Maritime Affairs (2004); The WMU Chancellor's Medal for Academic Excellence (2005); Sheldon Kinney fellowship - PhD in Maritime Administration (2006)
Under Graduate Courses	
	Navigational systems, Human resource management, Ship business
Graduate Courses	
	Research methods
URL	www.rmu.edu.gh
Modified	2011-09-21 01:18:15

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Section	Technology and Maritime Management
Jobtitle	director of education
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Fax	+358 2 620 3680
Language1	Finnish, Swedish, English,
Language2	Spanish, German
Careers	Hämeenlinna lecturer University
Degree	higher diploma in the Finnish education system
License	Master Mariner
Specialities	simulator training, ship handling, resource management
Academic Societies or Associations	
Interests	accident investigation, use of simulator in MET
Prizes	RDI award 2011 in University of Applied Sciences international series (eGMDSS)
Under Graduate Courses	
Graduate Courses	
URL	www.samk.fi
Modified	2011-11-02 17:48:56

Related Papers

Personal Information

Full Name: Jin Yongxing

Institution: Shanghai Maritime University
Section: Merchant Marine College
Job title: Professor, Vice President
Telephone: 0086 21 38284005
Fax: 0086 21 58853909
Language1: Chinese
Language2: English
Careers: Sea transport Bureau of Ministry of Communications of China
Shanghai Maritime University
Degree: Dr.in Engineering
License: Chief Officer of Ocean going-vessel
Specialties: Ship's structural and operational characteristics
Seamanship

Academic Societies or Association
Honorary Chairman of International Maritime Lecturers Association.
Vice-Chairman of National Nautical Science Teaching Instruction Committee.
Deputy Director of Compilation Group for the magazine Ship Engineering.

Interests: ship operation safety, MET

Prizes: Prize for Progress in Science and Technology Awarded by China Institute of Navigation (two times)
Papers Award of China Institute of Navigation (two times)

Graduate courses: Transport engineering,
Ship structural characteristics and operational quality.

Actions

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Profile

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Language1	English
Language2	
Careers	University of Hertfordshire
Degree	MSc Occupational Psychology
License	
Specialities	Organizational Behaviour, Applied Psychology, Human Resource Management
Academic Societies or Associations	British Psychological Society
Interests	Psychological contracts and safety behaviour
Prizes	
Under Graduate Courses	BSc Maritime Operations: Human Element; Human- machine interfaces
Graduate Courses	MSc Shipping Operations: Postgraduate and Self- managed Study; Business Research Skills: Strategic Management of the Human Element; Employee relations and engagement
URL	
Modified	2011-11-02 22:32:51

Related Papers



Actions

Profile

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Language1	English
Language2	
Careers	State University Distinguished Teaching Professor
Degree	Ed.D. Education (Mathematics Teachers Program), M.Sc. Mathematics, B.Sc. Mathematics- Computer Science
License	USCG License: Third Mate, Steam and Motor Vessels, any Gross Tons, Oceans; LT USNR - Merchant Marine Reserve (Ret.)
Specialities	Maritime Education and Training, Maritime Safety, International Programs, Strategic Planning and Assessment
Academic Societies or Associations	Mathematical Association of America, IAMU, Omicron Delta Kappa National Leadership Honor Society, Pi Mu Epsilon National Mathematics Honor Society, Reserve Officers Association, SUNY Association of Chief Academic Officers (Past President)
Interests	Maritime Education and Training
Prizes	SUNY Distinguished Teaching Professor, SUNY Chancellor's Award for Excellence in Teaching, NY State/ United University Professions Campus Excellence Award
Under Graduate Courses	Applied Mathematics
Graduate Courses	Operations Research
URL	http://www.sunymaritime.edu/facultystaff.aspx?id=13
Modified	2011-11-22 21:37:02



Actions

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Profile

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Language2
Careers Tianjin (Beiyang)University
Degree PH.D
License
Specialities internal combustion engine
Academic Societies or Associations

Interests internal combustion
 engine,clean and efficient
 combustion,alternative fuel
 apply
Prizes
Under Graduate Courses
 main engine
Graduate Courses

URL
Modified 2011-10-31 00:46:17

Related Papers

Actions

[My page](#)[My Papers](#)[Search Profiles](#)

Profile

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Prizes	
Under Graduate Courses	Maritime English
Graduate Courses	Maritime English
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Specialities	Maritime Economics, Transportation Economics and Policies, Maritime Logistics, International Business Logistics
Academic Societies or Associations	ASTL, IAME,
Interests	Maritime Economics and Policies, Maritime Education and Training, Maritime Logistics
Prizes	Transport Reviews Award for Best Ph.D. in Transport-related areas, 1993
Under Graduate Courses	Maritime Economics, Intermodal Transportation, International Logistics, International Business
Graduate Courses	Managerial Economics, Transportation Economics and Policies, International Business
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Academic Societies or Associations

Interests

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Specialities	Port Management
Academic Societies or Associations	IAME(1992), MCIT (1992), MILog(1994), KIN(1981)
Interests	Port related subjects
Prizes	
Under Graduate Courses	Nautical Science
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