



IHB File N° S1/3023 & CBSC-1

CIRCULAR LETTER 65/2014
15 September 2014

**MASTER OF SCIENCE PROGRAMME IN HYDROGRAPHIC SURVEYING
AT THE UNIVERSITY OF SOUTHERN MISSISSIPPI (USA)
SPONSORED BY THE REPUBLIC OF KOREA**

CALL FOR NOMINATIONS

Reference A: CL 30/2014 dated 01 April - *Master of Science Programme in Hydrographic Surveying at the University of Southern Mississippi (USA) sponsored by the Republic of Korea – Selection of Candidates*

Dear Hydrographer,

1. Reference A announced the successful enrolment in 2014 of three students (from Bangladesh, Nigeria and the Philippines) in the FIG-IHO-ICA accredited Category A (Cat. A) Master of Science programme in Hydrography held at the University of Southern Mississippi (USM), USA, and funded by the Republic of Korea (ROK). The IHB Directing Committee is now pleased to call for nominations for the third ROK-funded programme at the USM (2015 Programme).
2. The Republic of Korea has provided funds through the IHO Capacity Building Programme that can be made available for up to six students to attend the next course that will take place at the USM from August 2015 to August 2016. The exact start and finish dates will be announced later. Further details of the course are provided in Annex A. Funding support will cover almost all student expenses, and, in particular, course fees, travel to and from the respective countries, accommodation, medical insurance, books and a moderate living allowance.
3. Member States are invited to consider nominating ONE suitable candidate who will benefit from this training and will thereby assist the nominating country in developing its hydrographic capabilities. The Chairs of Regional Hydrographic Commissions (RHC) are also invited to pass on this information to their Associate Member and Observer States so that they may also consider applying for this training opportunity. However, priority will be given to candidates from IHO Member States.
4. It is essential that candidates are employed by a national hydrographic office, a maritime authority or a related national agency in the nominating country. The nomination must include a statement specifying that the candidate is, or will be, involved in the provision of hydrographic services and that, once the training has been successfully completed, the candidate will continue to work in this field.
5. The authority nominating a candidate should carefully select the nominee and ensure that opportunities will be in place for the candidate to transfer the learning gained through the programme in a structured manner for the benefit of his or her parent organization. This will ensure that the individual and the sponsoring organization gain maximum benefit.

6. **Nominated candidates MUST meet the following criteria:**

- a. Have a university diploma (equivalent to the US Undergraduate Diploma) in a hydrography-related area (hydrography, cartography, ocean sciences, engineering, etc.) and provide a GRE (Graduate Record Examinations) test score;
- b. Provide evidence of a good standard of English, both written and spoken, with reasonable technical English via TOEFL (Test of English as a Foreign Language) or IELTS (International English Language Testing System) score tests;
- c. Have a high standard in mathematics, physics and computing and meet the minimum requirements of the Standards of Competence for Hydrographic Surveyors (IHO Publication S-5) regarding the following Basic Subjects at the Category A level:
 - B1 Mathematics and Statistics
 - B2 Information and communication technology
 - B3 Physics
- d. Comply with the submission requirements to the USM presented in paragraph 10 below.

7. Applications should be submitted in accordance with Procedure 7 of the Capacity Building Sub-Committee (CBSC). This procedure is available on the IHO website at: www.iho.int > Capacity Building > CB Procedures (also available in PDF and with a template in MSWord). **In addition to following CBSC Procedure 7, candidates must also provide the IHB with:**

- a. their graduation diploma (copy);
- b. a curriculum vitae (including a photo) and any related documents (copy);
- c. GRE test result (the Verbal and Quantitative GRE scores should add up to 297 but this is not an absolute minimum if other admission factors score highly. USM does not have an official minimum);
- d. TOEFL (or IELTS) test result (combined TOEFL score should be 80 or better);
- e. A personal letter stating goals and interests;
- f. Three letters of recommendation.

8. **Applications** should be submitted **no later than 16 February 2015** to the following address:

International Hydrographic Bureau

Fax: + 377 93 10 81 40

e-mail: info@iho.int with copy to adcc@iho.int and pok@iho.int

9. A Selection Panel, comprising representatives from the IHB Directing Committee and representatives from the Korea Hydrographic and Oceanographic Administration (KHOA), and in liaison with the Programme Coordinator of the USM, will select students and reserves for the 2015 Programme. Selected candidates and reserves will be informed of their selection **by 3 March 2015**. Member States will also be informed of the results of the selection process.

10. Selected candidates (the IHO Applicants) will then be required to submit the following documentation to the USM **within 14 days** and **no later than 18 March 2015**:

- a. a completed online submission at: <https://usmgrad.admissionpros.com/default.asp>;
- b. a non-refundable application fee (approximately 50 US Dollars);
- c. the official transcripts of documents;
- d. the GRE score;
- e. the TOEFL (or IELTS) score;
- f. a personal letter stating goals and interests;
- g. three letters of recommendation, and
- h. a curriculum vitae.

Any IHO Applicant who is subsequently not accepted by the USM will be replaced by one of the reserves, if possible.

11. The timetable for the selection and processing of applicants for the 2015 Programme is provided in Annex B. Candidates and their nominating authorities should carefully note the tight timetable and the need to meet the various deadlines.

12. In order to overcome the tight schedule between the selection of students and the submission of their documentation to the USM, candidates may wish to consider providing the required admission documentation to the USM in advance of any decision of the Selection Panel. However, it should be borne in mind that, even if a candidate is accepted for admission by the USM in advance of selection by the Selection Panel, the I-20 Invitation Letter required to obtain a visa and the subsequent funding support will only be provided to those applicants who are eventually selected by the Selection Panel.

13. Candidates and nominating authorities should also carefully consider the following very important aspects of the process:

- a. GRE (<http://www.ets.org/gre>) score tests are mandatory for all applicants;
- b. TOEFL (<http://www.ets.org/toefl>) English score tests are mandatory for all applicants but may be waived for candidates from English-speaking countries or those who received their bachelor's degree from an accredited English-speaking university. Candidates may take the IELTS (<http://www.ielts.org>) English score test when the TOEFL is not available in their region. The official test scores above must be received from the testing agency (USM code is 1479);
- c. A number of candidates for the 2014 course failed to pass the GRE and the TOEFL tests, others failed even to get an appointment to do the tests in time to submit their documents;
- d. Funding support will be available for the selected student alone; no funds will be provided for family members or dependents;
- e. Test fees, visa and other administrative expenses must be paid by the student or the student's national sponsoring authority. These expenses are not covered by the CB Fund;
- f. Incomplete submissions will not be accepted by the Selection Panel.

14. The Directing Committee would like to reiterate its appreciation to the Republic of Korea for its generous support of the IHO's role and objectives.

On behalf of the Directing Committee
Yours sincerely,



Mustafa IPTES
Director

Annexes:

- A. Summary of the USM Hydrography Programme
- B. Timetable for selection of the candidates

SUMMARY OF THE USM CATEGORY A HYDROGRAPHY PROGRAMME

August 2015 – August 2016

Courses

This is an accelerated one-year track, which includes two periods of classroom lectures and practical exercises and one period of application, combining for about 50 continuous weeks of study.

Master's Degree Curriculum

<u>One Year Degree Programme</u>	
Fall Semester	
HYD 600	Classical Geodesy
HYD 607	Oceanography for Hydrographers
HYD 608	Practical Hydrographic Science
HYD 609	Nautical Science
HYD 620	Math Concepts for Hydrographers
MAR 668	Applied Ocean Acoustics
Spring Semester	
HYD 601	Hydrographic Data Management
HYD 604	Kinematic Positioning
HYD 605	Applied Bathymetry
HYD 611	Remote Sensing for Hydrographers
HYD 612	Water Levels
Summer Semester	
HYD 603	Law & Policy for Hydrographic Science
HYD 606	Nautical Cartography and GIS
HYD 610	Hydrographic Science Field Project

More information about the programme is available at:

<http://www.usm.edu/marine/hydrographic-science-degrees>

TIMETABLE FOR THE SELECTION OF 2015 USM-CAT A PROGRAMME CANDIDATES

Deadline	Action	Responsible	Observation/Status
09/02/2015	Complete required documentation for application including GRE and TOEFL (or IELTS) tests	Candidates	
16/02/2015	Submit candidate application to the IHB	Nominating Authority	
26/02/2015	Selection Board meeting	IHB, ROK	
03/03/2015	Issue notification letter to the selected candidates and request for the affidavit	IHB	
11/03/2015	Send signed affidavit to the IHB	Selected Candidates	
13/03/2015	Issue letter of financial support for the Selected Candidates	IHB	
16/03/2015	Issue Circular Letter for selection results	IHB	
18/03/2015	Finish online application to the USM	Selected Candidates	
31/03/2015	Issue invitation letter (I-20) for F-1 visa to Accepted Students	USM	
30/04/2015	Send copy of visa and passport to the IHB	Accepted Students	
15/05/2015	Transfer the funds to the USM account	IHB	
25/05/2015	Provide air tickets to the Accepted Students	IHB	
20/07/2015	Provide the Accepted Students with start-up cash for settling in	IHB	Date may change
31/07/2015	Report to the USM Campus in the USA	Accepted Students	Date may change